

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087818.D
 Acq On : 12 Sep 2025 15:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025

Quant Time: Sep 12 22:53:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.794	128	56578m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	289907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	268486	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	139457	28.855	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.167%		
60) 4-Bromofluorobenzene	12.829	95	124950	28.943	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.467%		
63) Toluene-d8	10.547	98	373110	29.882	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76278	21.692	ug/l	97
3) Chloromethane	2.383	50	69630	18.863	ug/l	96
4) Vinyl Chloride	2.536	62	84219	20.183	ug/l	98
5) Bromomethane	2.983	94	28763	11.750	ug/l #	79
6) Chloroethane	3.136	64	54543	19.125	ug/l #	84
7) Trichlorofluoromethane	3.506	101	129707	21.207	ug/l	98
8) Diethyl Ether	3.959	74	47249	18.294	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	73758	22.264	ug/l	74
10) 1,1-Dichloroethene	4.336	96	68887	20.168	ug/l	94
11) Methyl Iodide	4.583	142	27177	11.241	ug/l	91
12) Methyl Acetate	5.018	43	103109	19.583	ug/l	99
13) Acrolein	4.183	56	76558	81.666	ug/l #	41
14) Acrylonitrile	5.712	53	215160	94.940	ug/l	99
15) Acetone	4.424	58	73630	104.147	ug/l	79
16) Carbon Disulfide	4.706	76	200198	21.348	ug/l #	89
17) Allyl chloride	5.018	41	98783	17.707	ug/l	92
18) Methylene Chloride	5.259	84	77822	20.114	ug/l	89
19) trans-1,2-Dichloroethene	5.777	96	69331	19.903	ug/l	91
20) Diisopropyl ether	6.659	45	244768	19.079	ug/l	96
21) 1,1-Dichloroethane	6.553	63	137810	19.616	ug/l	94
22) cis-1,2-Dichloroethene	7.477	96	83511	19.751	ug/l	96
23) tert-Butyl Alcohol	5.524	59	74695	93.238	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	230593	18.910	ug/l	97
25) Chloroform	7.947	83	146249	19.888	ug/l	96
26) Cyclohexane	8.241	56	117487	21.959	ug/l #	99
29) 1,1-Dichloropropene	8.359	75	98376	20.880	ug/l	100
30) 2-Butanone	7.471	43	327057	100.769	ug/l	97
31) 2,2-Dichloropropane	7.471	77	126523	22.277	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	126924	21.249	ug/l #	73
33) Carbon Tetrachloride	8.347	117	108048	21.694	ug/l	99
34) Benzene	8.588	78	305550	20.066	ug/l #	93
35) Methacrylonitrile	7.765	41	64889	19.114	ug/l	94
36) 1,2-Dichloroethane	8.653	62	113980	19.817	ug/l	100
37) Trichloroethene	9.335	130	69153	20.316	ug/l	99
38) Methylcyclohexane	9.582	83	114763	22.121	ug/l	99
39) 1,2-Dichloropropane	9.606	63	78916	20.235	ug/l	99
40) Dibromomethane	9.688	93	59063	20.350	ug/l	97
41) Bromodichloromethane	9.871	83	116522	19.643	ug/l #	91
42) Vinyl Acetate	6.594	43	992020	91.479	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 09/15/2025

Quant Time: Sep 12 22:53:13 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	125414	18.913	ug/l	98
44) Isopropyl Acetate	8.677	43	191430	18.415	ug/l	99
45) 1,4-Dioxane	9.688	88	27442	418.594	ug/l #	94
46) Methyl methacrylate	9.665	41	89083	18.592	ug/l	97
47) n-amyl Acetate	12.688	43	104432m	14.866	ug/l	
48) t-1,3-Dichloropropene	10.818	75	116171	18.855	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	121275	19.218	ug/l	91
50) 1,1,2-Trichloroethane	11.000	97	74462	19.864	ug/l	95
51) Ethyl methacrylate	10.859	69	104101	17.844	ug/l	98
52) 1,3-Dichloropropane	11.141	76	128513	19.742	ug/l	99
53) Dibromochloromethane	11.341	129	84830	20.182	ug/l	92
54) 1,2-Dibromoethane	11.447	107	77863	19.962	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	302139	90.391	ug/l	97
56) Bromoform	12.559	173	54385	19.813	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	626397	98.671	ug/l	99
59) 2-Hexanone	11.176	43	404150	97.427	ug/l	98
61) Tetrachloroethene	11.082	164	63231	23.654	ug/l	95
62) Toluene	10.612	91	335893	20.683	ug/l	99
64) Chlorobenzene	11.870	112	209374	21.006	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	72594	20.686	ug/l	97
66) Ethyl Benzene	11.941	91	355068	20.266	ug/l	96
67) m/p-Xylenes	12.053	106	273309	42.024	ug/l	95
68) o-Xylene	12.376	106	127119	20.159	ug/l	99
69) Styrene	12.394	104	215468	19.660	ug/l	98
70) Isopropylbenzene	12.676	105	336033	21.016	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.917	83	118799	20.668	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	108491m	19.223	ug/l	
73) Bromobenzene	12.959	156	83034	21.226	ug/l	92
74) n-propylbenzene	13.012	91	437674	21.695	ug/l	99
75) 2-Chlorotoluene	13.106	91	247503	20.384	ug/l	96
76) 1,3,5-Trimethylbenzene	13.153	105	286122	21.191	ug/l	96
77) t-1,4-Dichloro-2-butene	12.717	75	31336	16.450	ug/l	83
78) 4-Chlorotoluene	13.200	91	257792	21.060	ug/l	97
79) tert-butylbenzene	13.417	119	248105	21.941	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	292596	21.137	ug/l	97
81) sec-Butylbenzene	13.594	105	376318	22.626	ug/l	97
82) p-Isopropyltoluene	13.706	119	310321	22.645	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	164461	21.807	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	168842	22.335	ug/l	97
85) n-Butylbenzene	14.035	91	304799	23.139	ug/l	99
86) Hexachloroethane	14.306	117	57205	20.552	ug/l	96
87) 1,2-Dichlorobenzene	14.082	146	152219	21.400	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	25741	20.180	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	87985	21.748	ug/l	97
90) Hexachlorobutadiene	15.470	225	39410	29.058	ug/l	93
91) Naphthalene	15.617	128	294768	19.791	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	87985	21.748	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

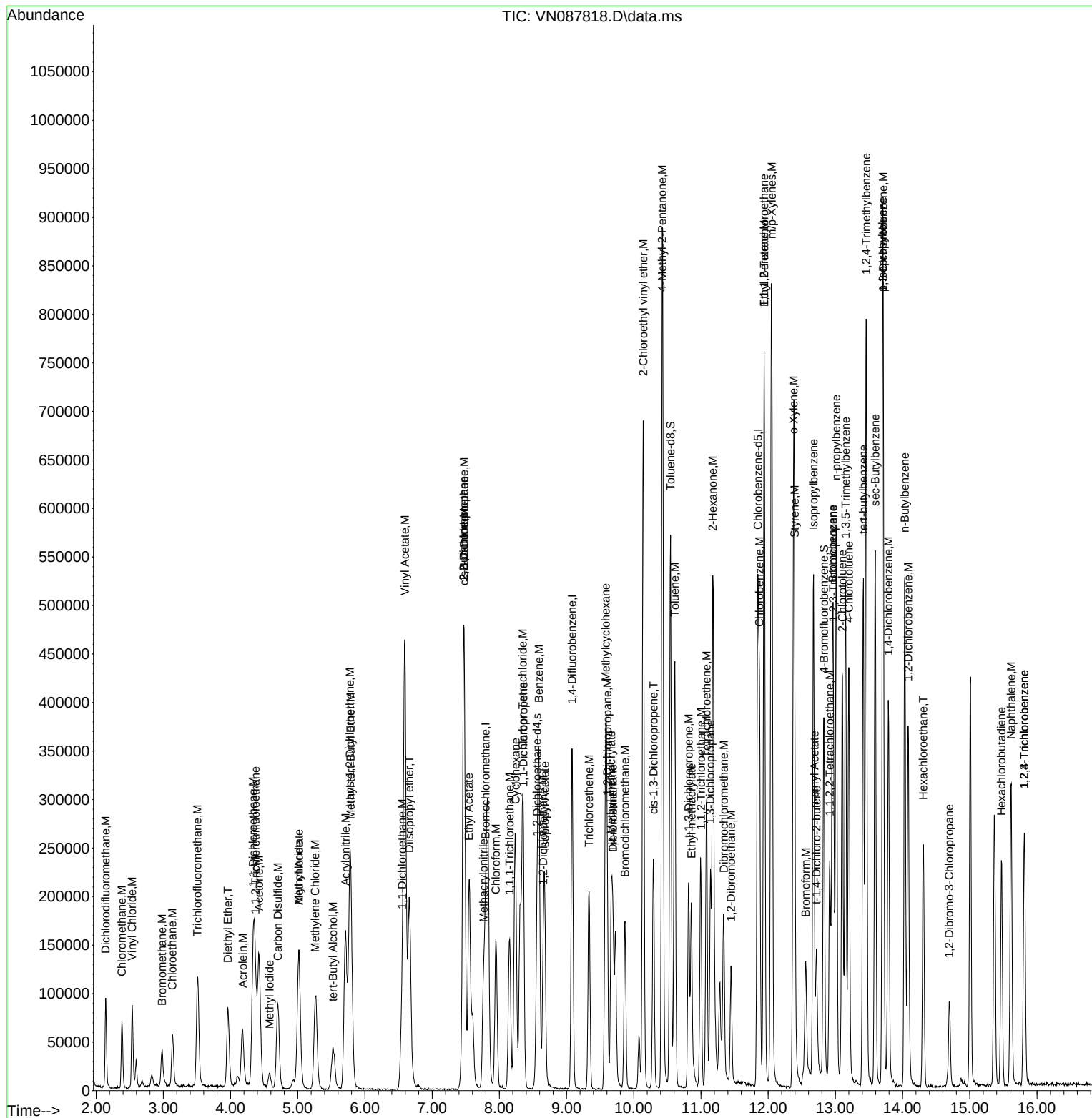
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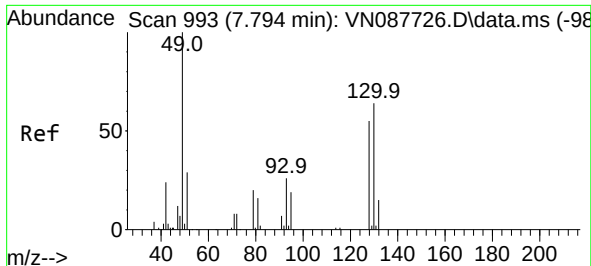
Instrument :
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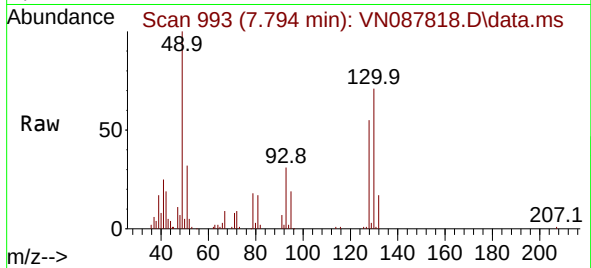
Reviewed By : Semsettin Yesilyurt 09/15/2025
 Supervised By : Mahesh Dadoda 09/15/2025





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

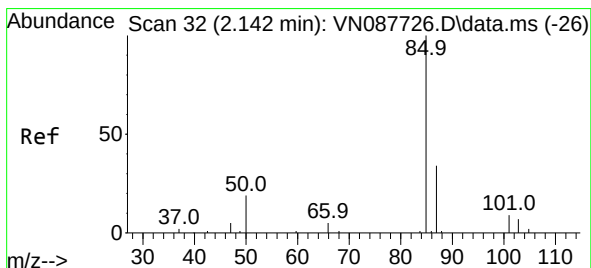
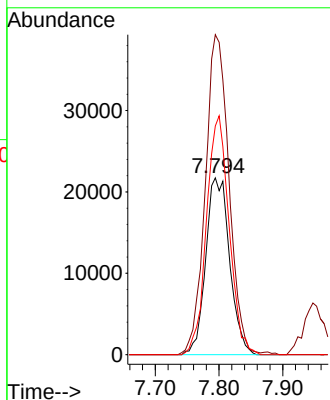
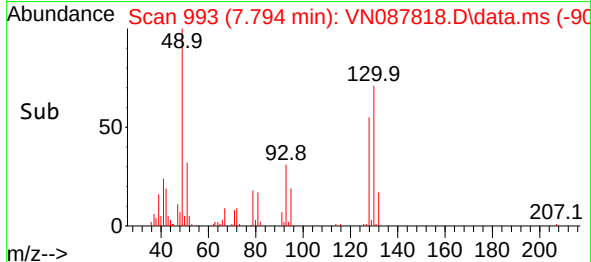
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 56578
Ion Ratio Lower Upper
128 100
49 179.3 0.0 464.3
130 128.1 0.0 300.5

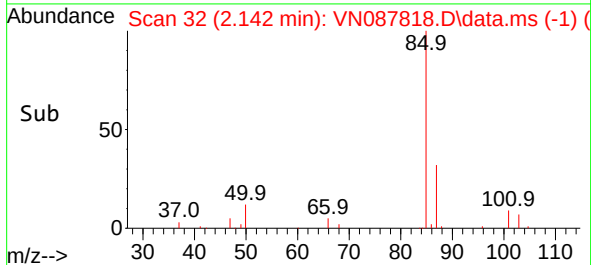
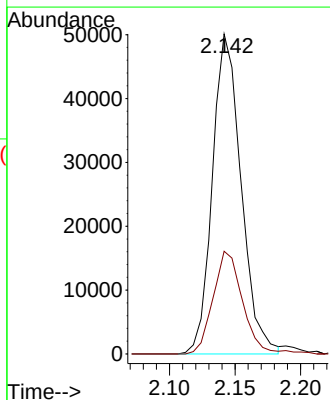
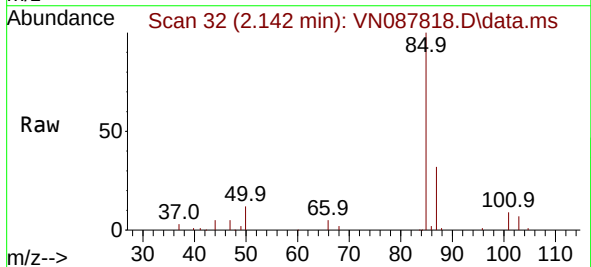
Manual Integrations
APPROVED

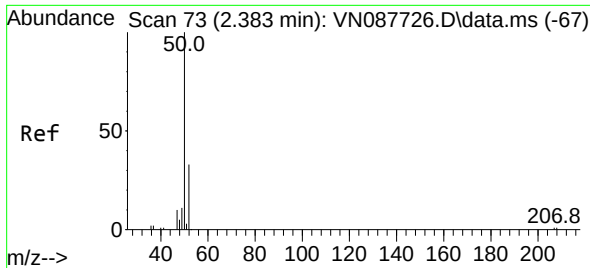
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#2
Dichlorodifluoromethane
Concen: 21.692 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

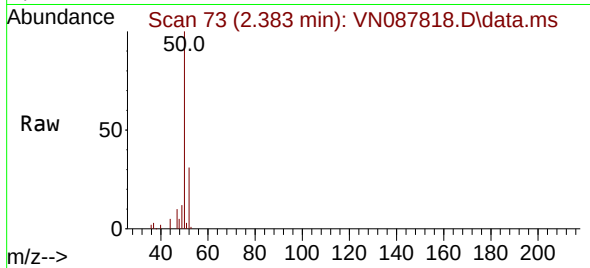
Tgt Ion: 85 Resp: 76278
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.4





#3
Chloromethane
Concen: 18.863 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

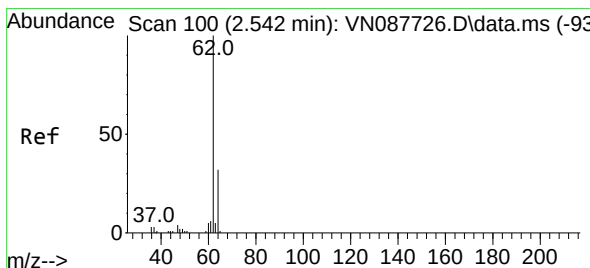
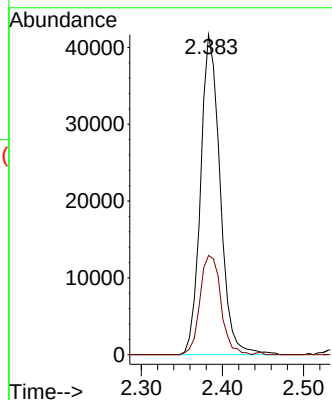
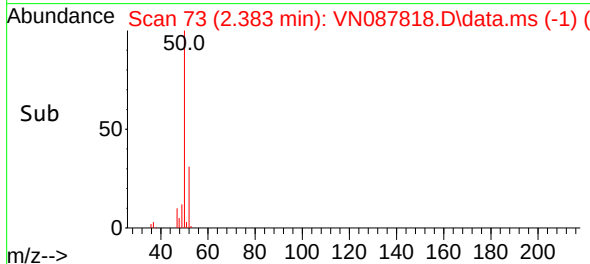
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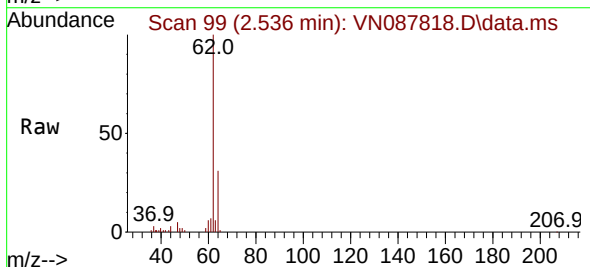
Tgt Ion: 50 Resp: 69630
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0

Manual Integrations
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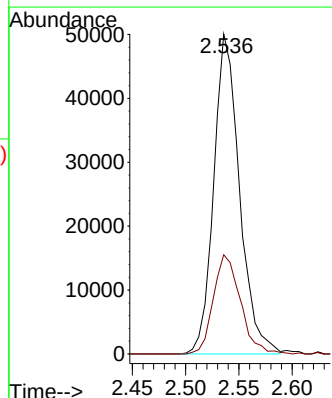
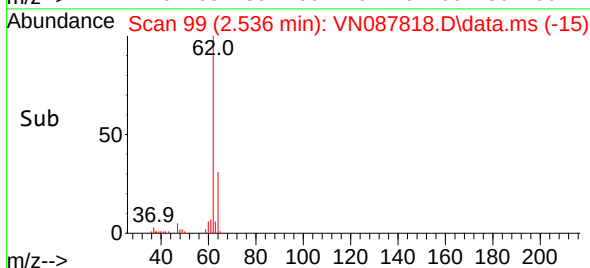
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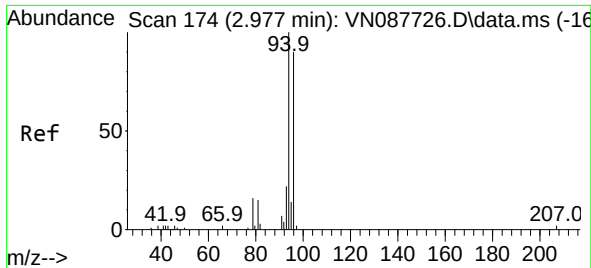


#4
Vinyl Chloride
Concen: 20.183 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



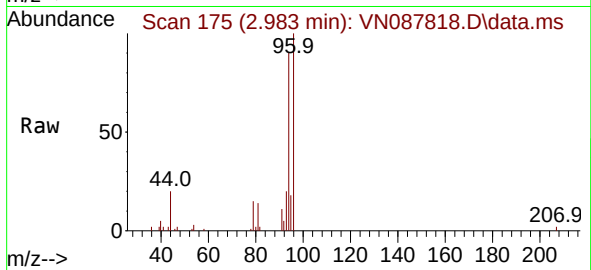
Tgt Ion: 62 Resp: 84219
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3





#5
Bromomethane
Concen: 11.750 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

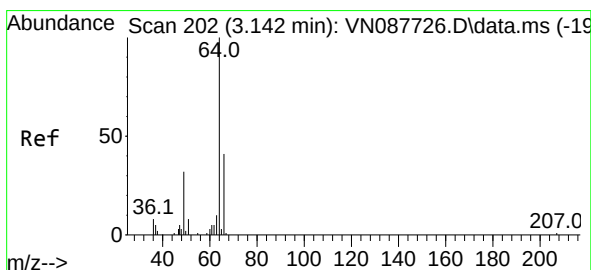
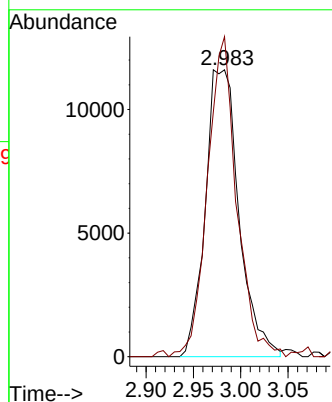
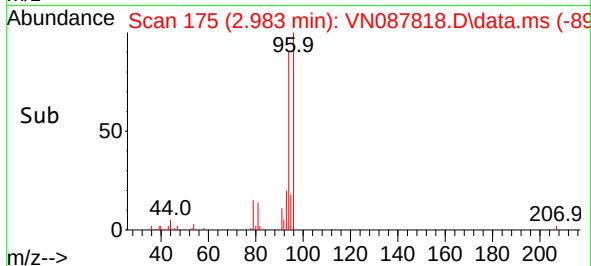
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2876
Ion Ratio Lower Upper
94 100
96 109.7 72.2 108.4

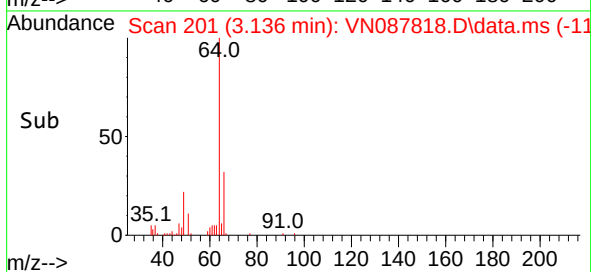
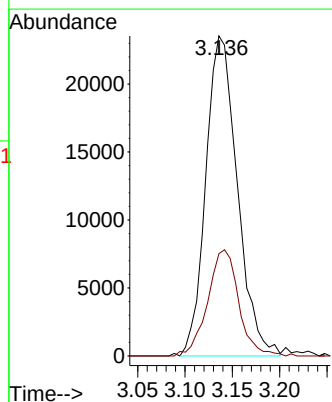
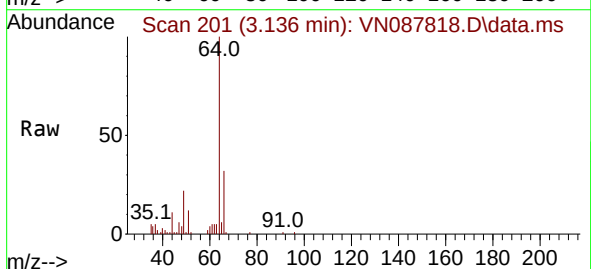
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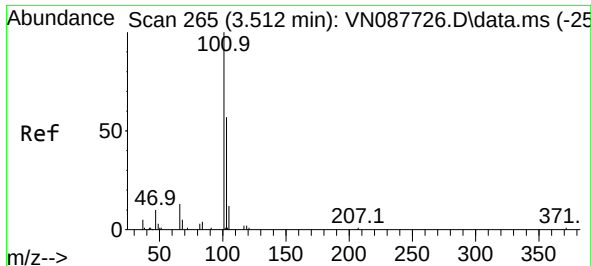
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#6
Chloroethane
Concen: 19.125 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

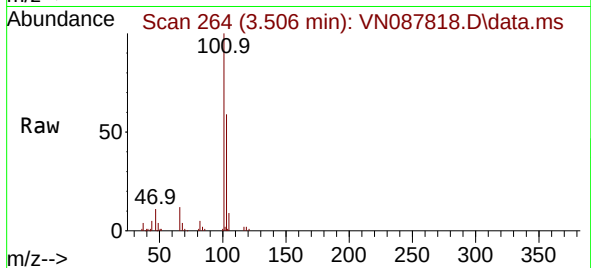
Tgt Ion: 64 Resp: 54543
Ion Ratio Lower Upper
64 100
66 31.3 32.8 49.2





#7
 Trichlorofluoromethane
 Concen: 21.207 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087818.D
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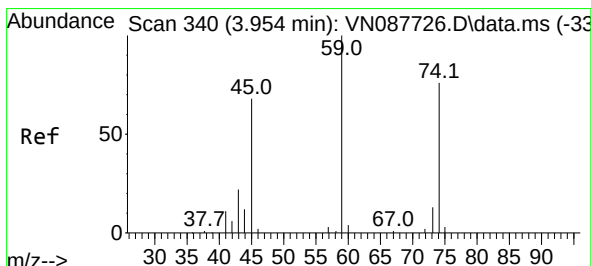
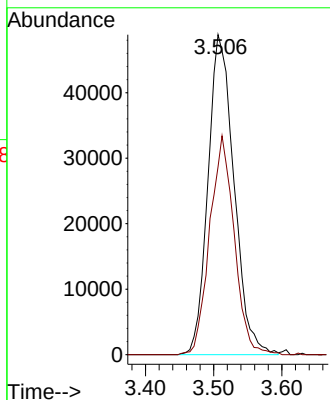
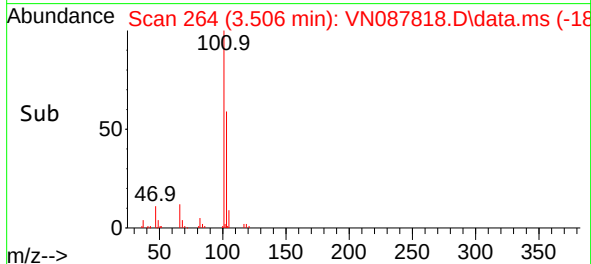
Instrument :
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 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 12970
 Ion Ratio Lower Upper
 101 100
 103 58.7 45.7 68.5

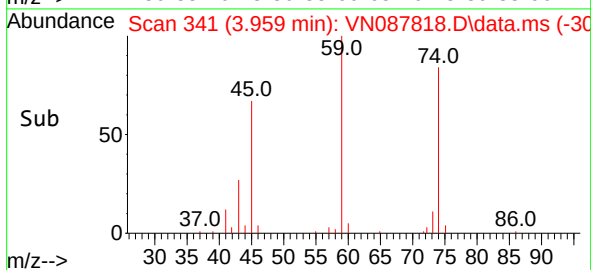
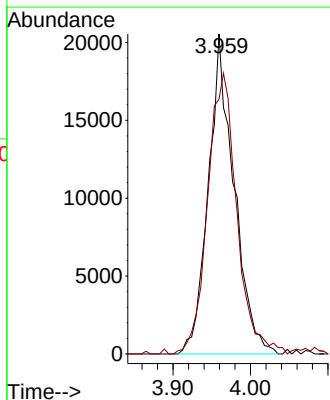
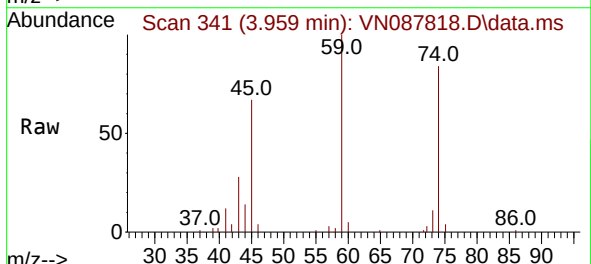
Manual Integrations
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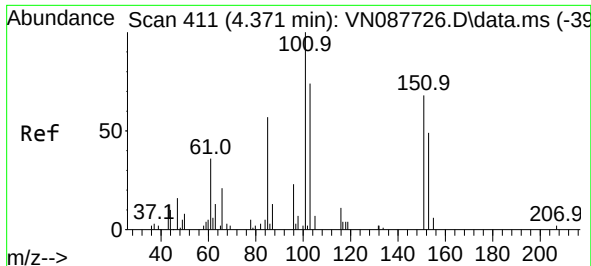
Reviewed By :Semsettin Yesilyurt 09/15/2025
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#8
 Diethyl Ether
 Concen: 18.294 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087818.D
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Tgt Ion: 74 Resp: 47249
 Ion Ratio Lower Upper
 74 100
 45 99.9 20.4 183.8





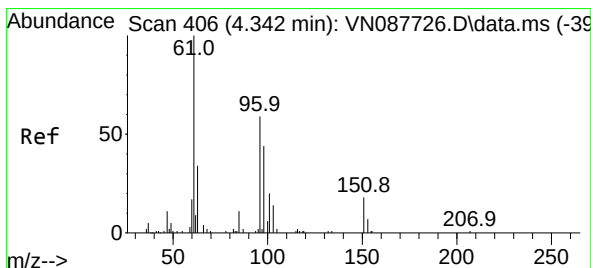
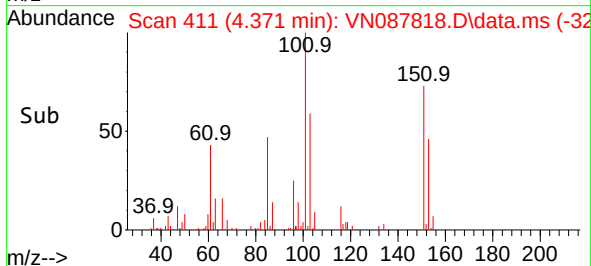
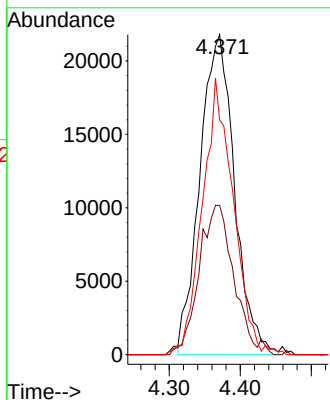
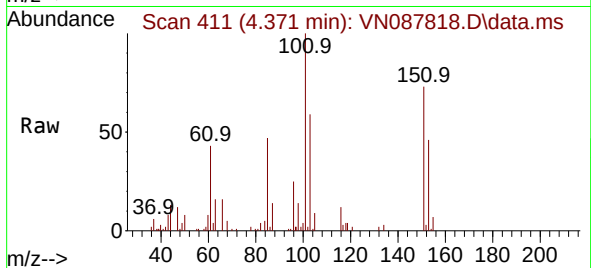
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.264 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :
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VSTDCCC020EC

Tgt Ion:101 Resp: 73758
Ion Ratio Lower Upper
101 100
85 46.2 0.0 95.6
151 76.2 0.0 85.8

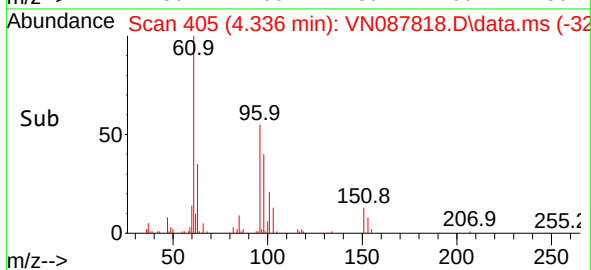
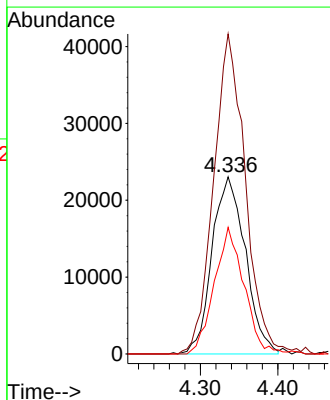
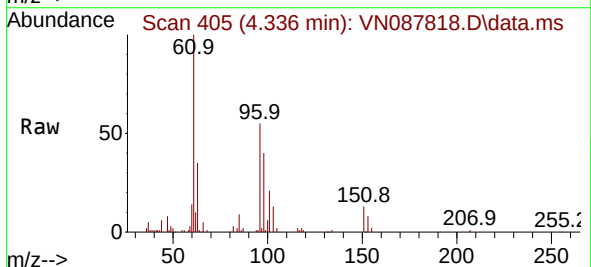
Manual Integrations
APPROVED

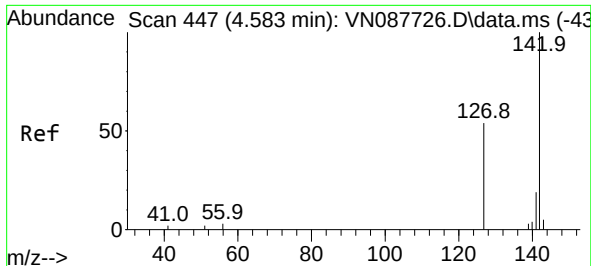
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#10
1,1-Dichloroethene
Concen: 20.168 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Tgt Ion: 96 Resp: 68887
Ion Ratio Lower Upper
96 100
61 180.7 135.9 203.9
98 71.5 59.2 88.8





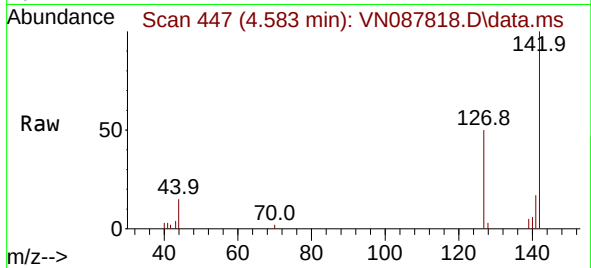
#11
Methyl Iodide
Concen: 11.241 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

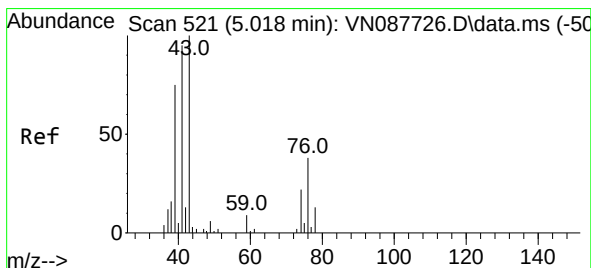
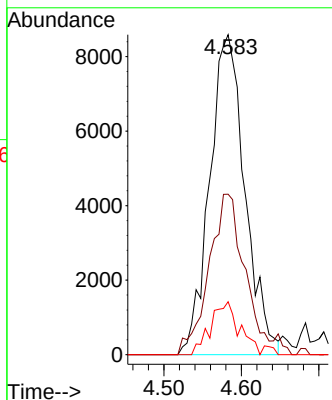
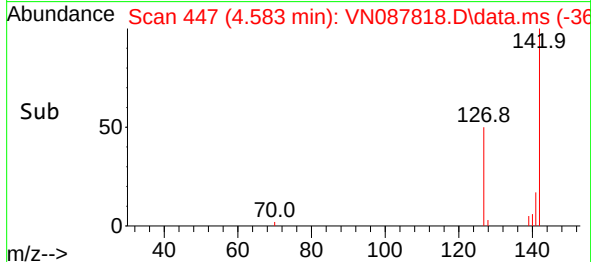


Tgt Ion:142 Resp: 2717
Ion Ratio Lower Upper
142 100
127 47.9 27.9 83.7
141 16.9 9.6 28.8

Manual Integrations

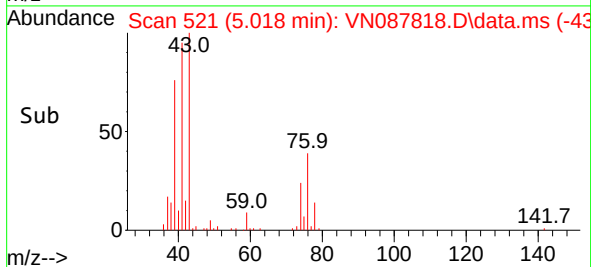
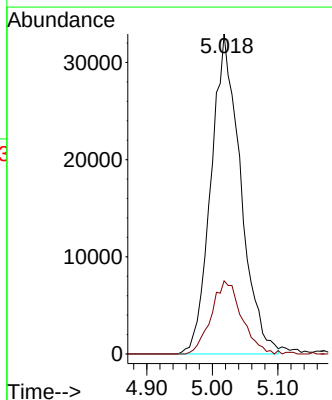
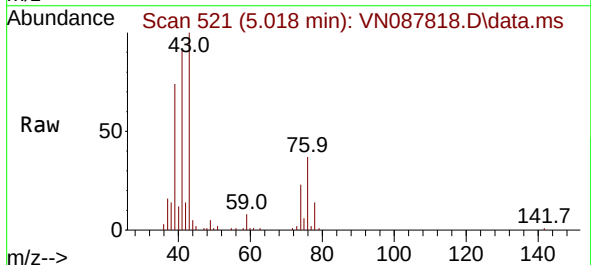
APPROVED

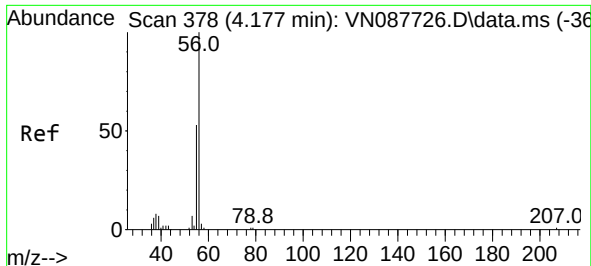
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#12
Methyl Acetate
Concen: 19.583 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

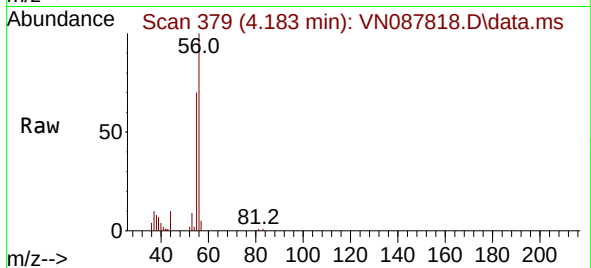
Tgt Ion: 43 Resp: 103109
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3





#13
Acrolein
Concen: 81.666 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

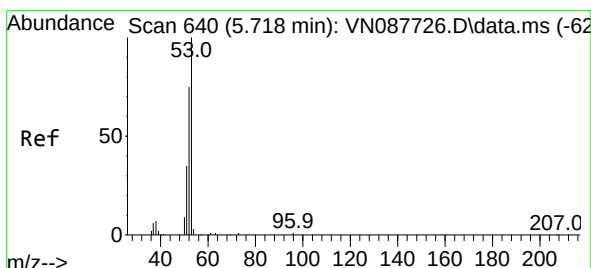
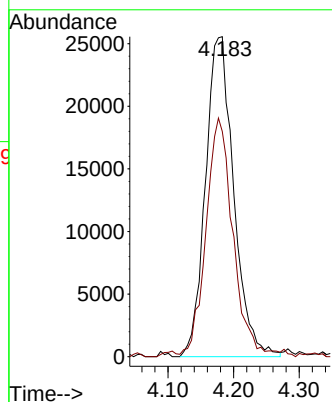
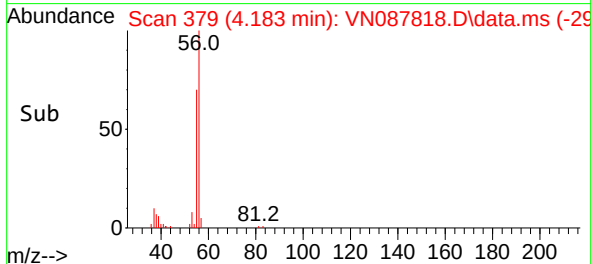
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



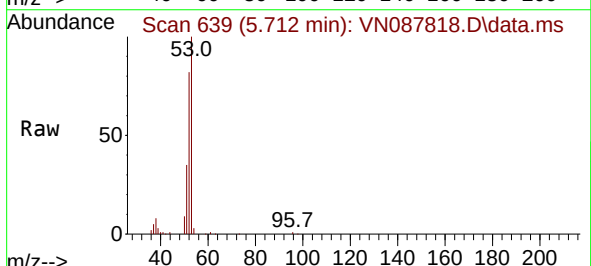
Tgt Ion: 56 Resp: 7655
Ion Ratio Lower Upper
56 100
55 70.5 28.6 42.8

Manual Integrations
APPROVED

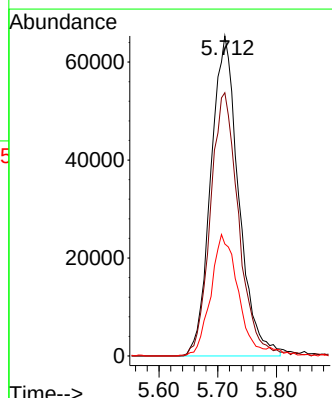
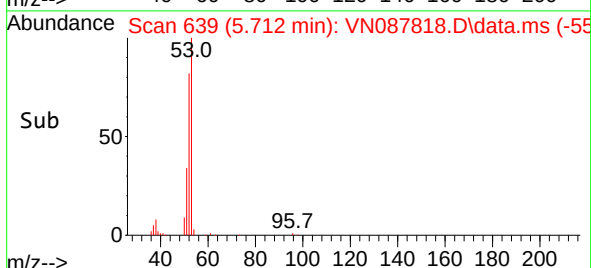
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

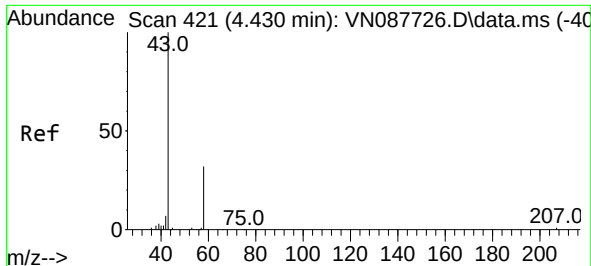


#14
Acrylonitrile
Concen: 94.940 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



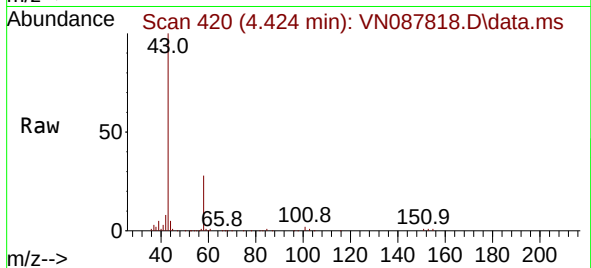
Tgt Ion: 53 Resp: 215160
Ion Ratio Lower Upper
53 100
52 82.8 40.9 122.7
51 37.0 18.1 54.1





#15
Acetone
Concen: 104.147 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

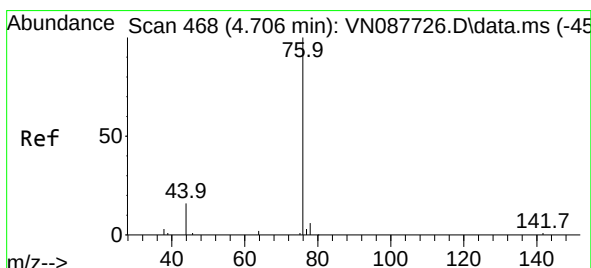
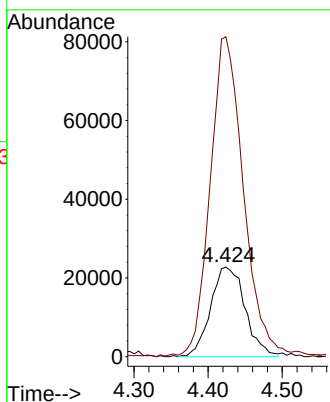
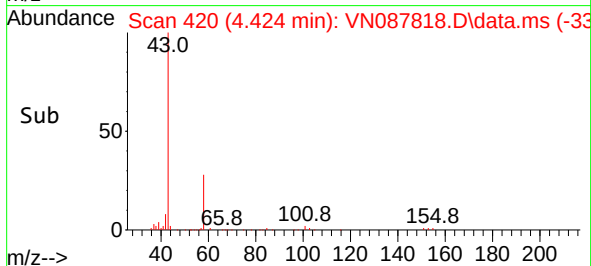
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 73630
Ion Ratio Lower Upper
58 100
43 355.2 250.6 376.0

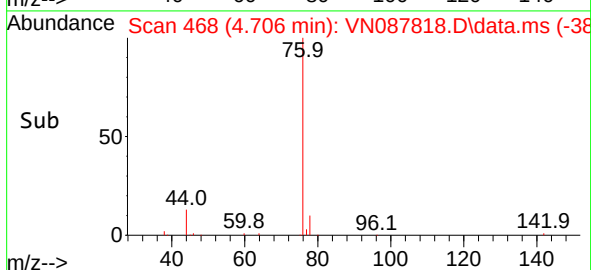
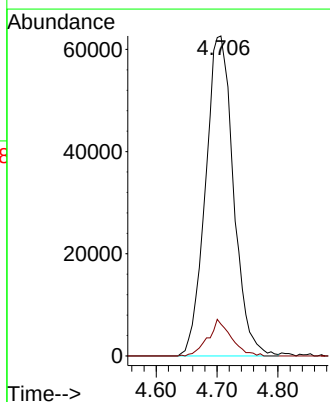
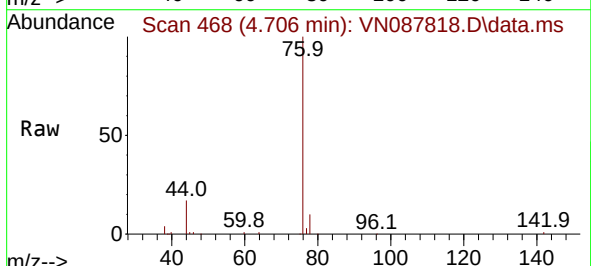
Manual Integrations
APPROVED

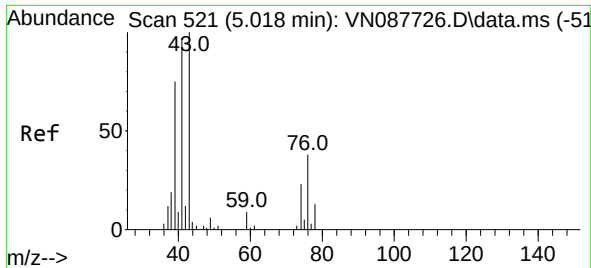
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#16
Carbon Disulfide
Concen: 21.348 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

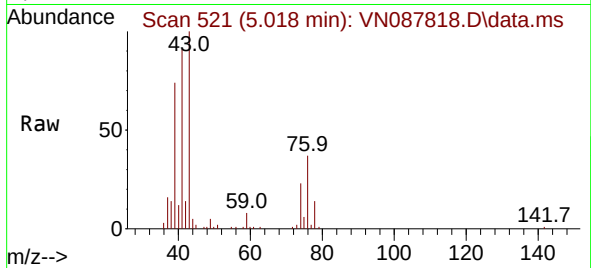
Tgt Ion: 76 Resp: 200198
Ion Ratio Lower Upper
76 100
78 10.0 5.0 7.6#





#17
 Allyl chloride
 Concen: 17.707 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087818.D
 Acq: 12 Sep 2025 15:51

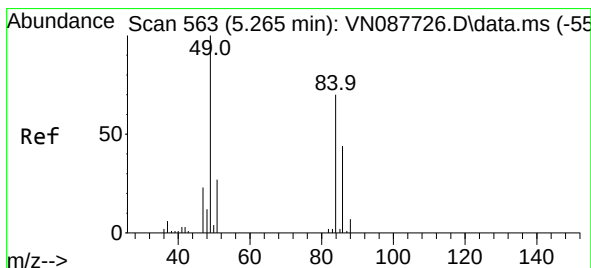
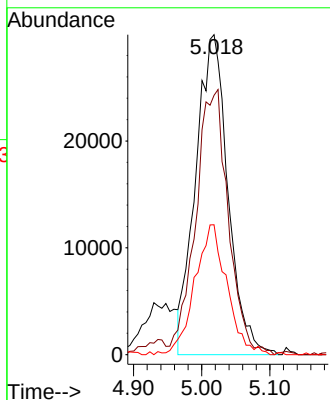
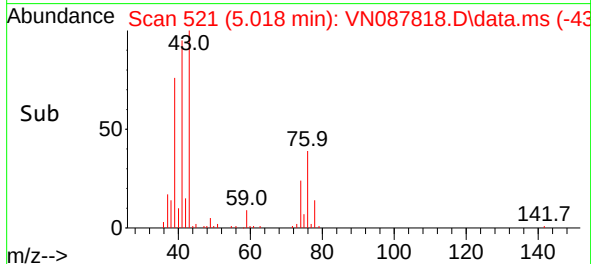
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



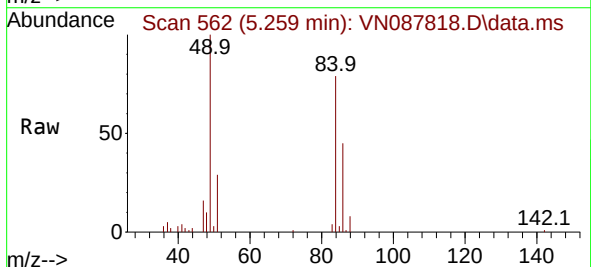
Tgt Ion: 41 Resp: 9878
 Ion Ratio Lower Upper
 41 100
 39 80.5 36.7 110.1
 76 39.9 18.3 54.8

Manual Integrations
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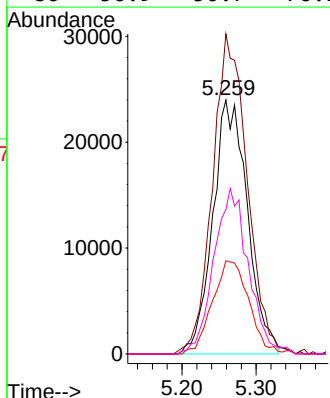
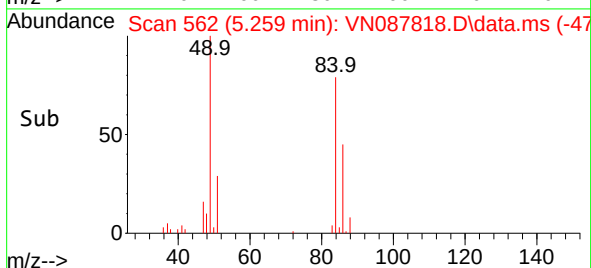
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025

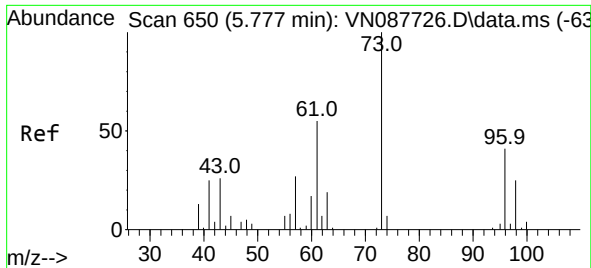


#18
 Methylene Chloride
 Concen: 20.114 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.006 min
 Lab File: VN087818.D
 Acq: 12 Sep 2025 15:51



Tgt Ion: 84 Resp: 77822
 Ion Ratio Lower Upper
 84 100
 49 124.8 114.1 171.1
 51 36.6 30.2 45.4
 86 56.9 50.7 76.1





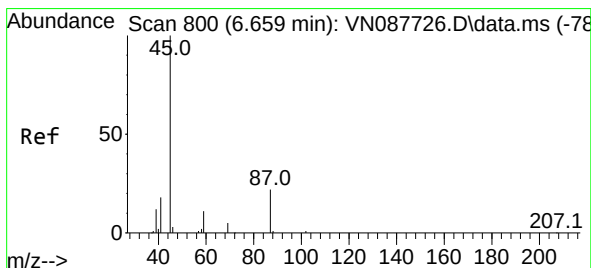
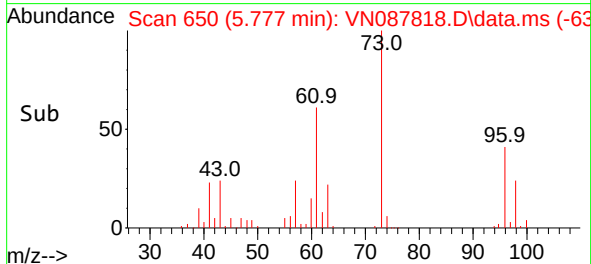
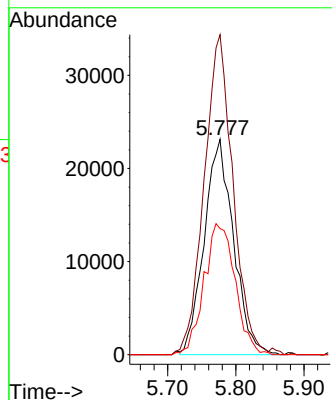
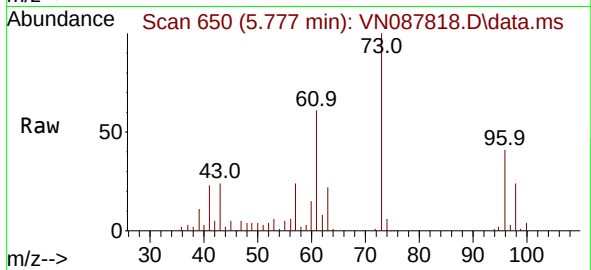
#19
trans-1,2-Dichloroethene
Concen: 19.903 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 6933
Ion Ratio Lower Upper
96 100
61 147.0 106.4 159.6
98 58.5 48.9 73.3

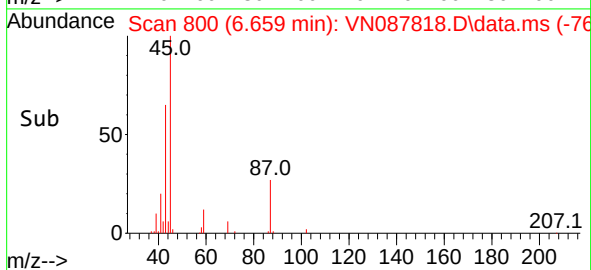
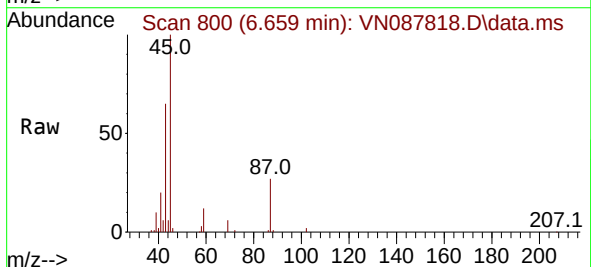
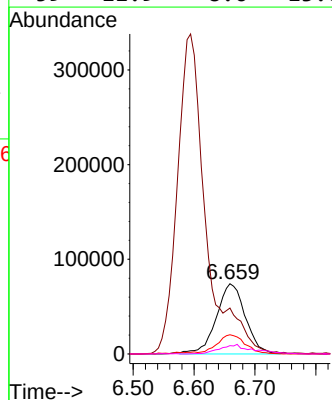
Manual Integrations
APPROVED

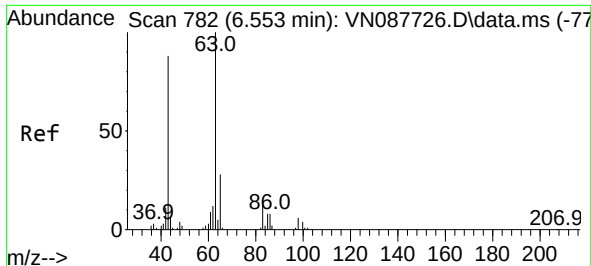
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#20
Diisopropyl ether
Concen: 19.079 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

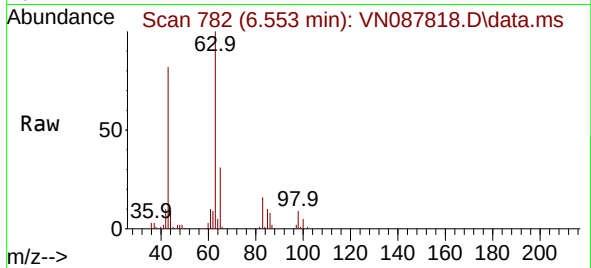
Tgt Ion: 45 Resp: 244768
Ion Ratio Lower Upper
45 100
43 64.2 49.5 74.3
87 27.2 18.8 28.2
59 11.9 8.6 13.0





#21
1,1-Dichloroethane
Concen: 19.616 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

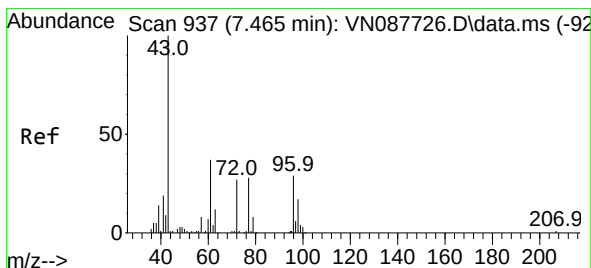
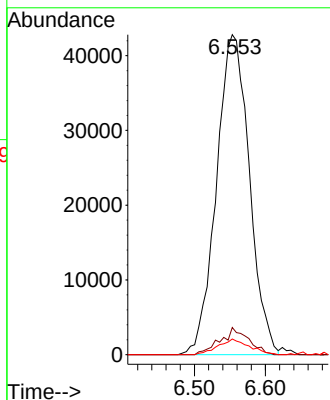
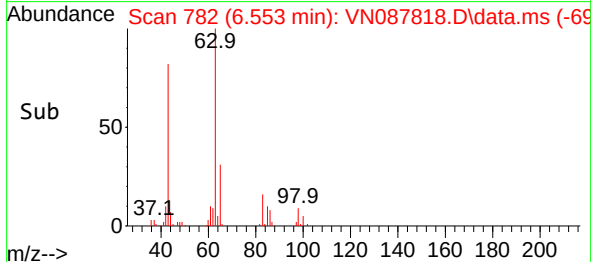
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 137810
Ion Ratio Lower Upper
63 100
98 8.5 2.9 8.8
100 4.9 1.8 5.3

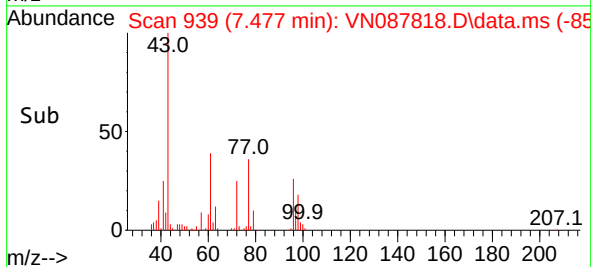
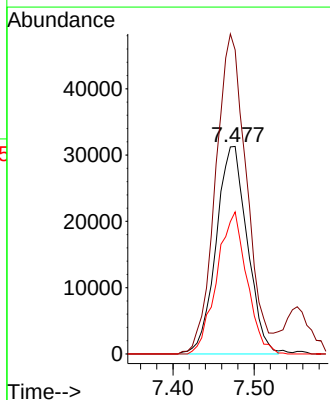
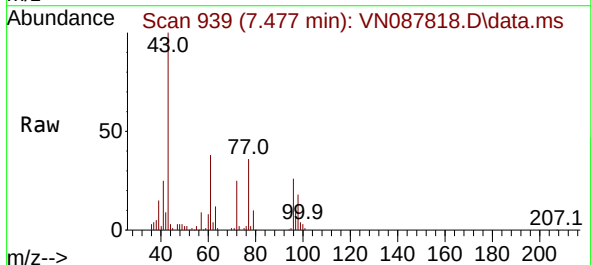
Manual Integrations
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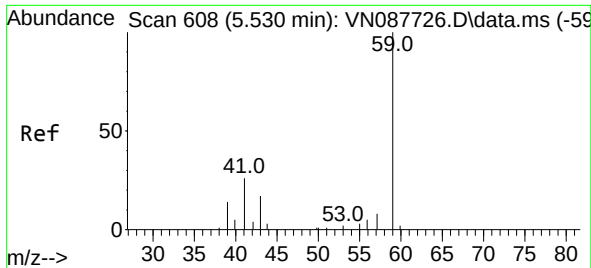
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#22
cis-1,2-Dichloroethene
Concen: 19.751 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

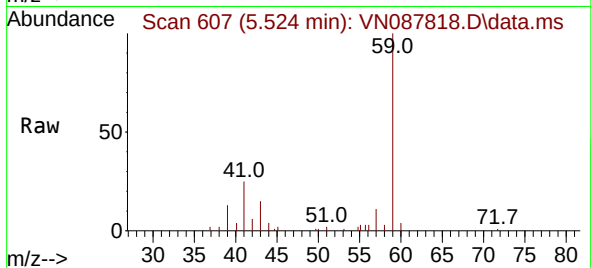
Tgt Ion: 96 Resp: 83511
Ion Ratio Lower Upper
96 100
61 153.7 118.2 177.2
98 66.0 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 93.238 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

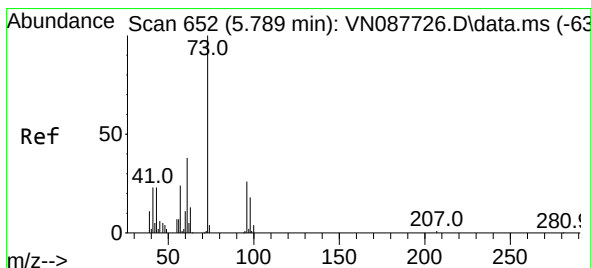
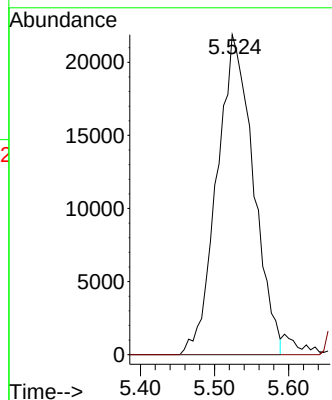
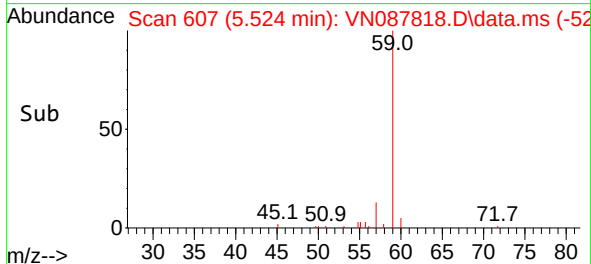
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



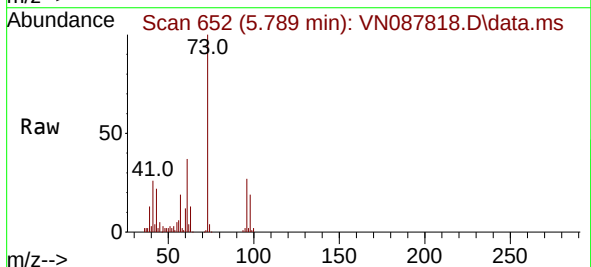
Tgt Ion: 59 Resp: 7469
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

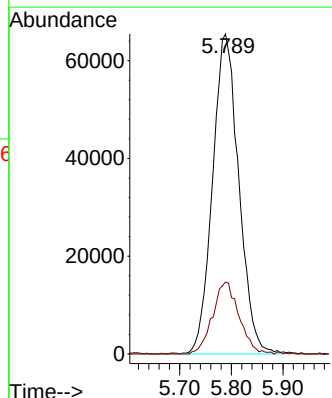
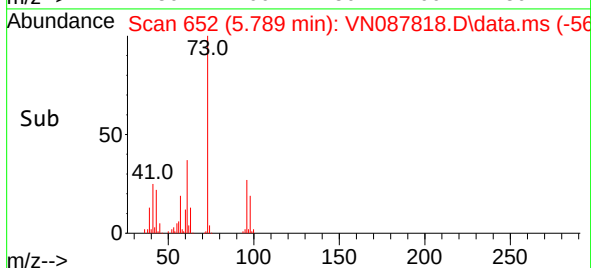
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

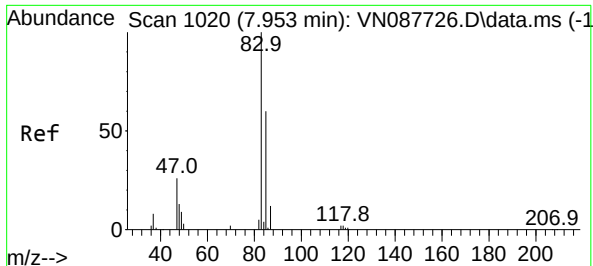


#24
Methyl tert-Butyl Ether
Concen: 18.910 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



Tgt Ion: 73 Resp: 230593
Ion Ratio Lower Upper
73 100
43 22.4 16.8 25.2





#25

Chloroform

Concen: 19.888 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 146249

Ion Ratio Lower Upper

83 100

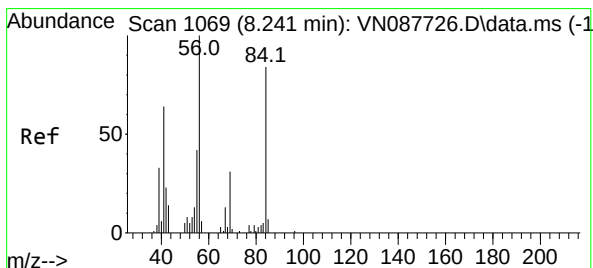
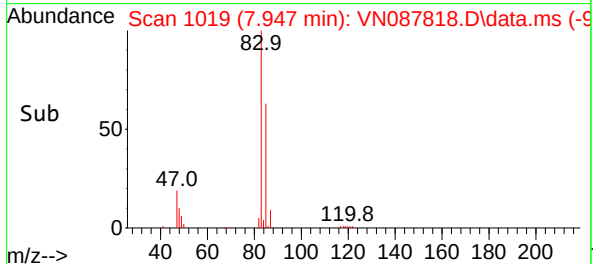
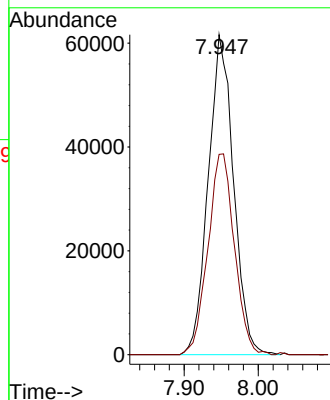
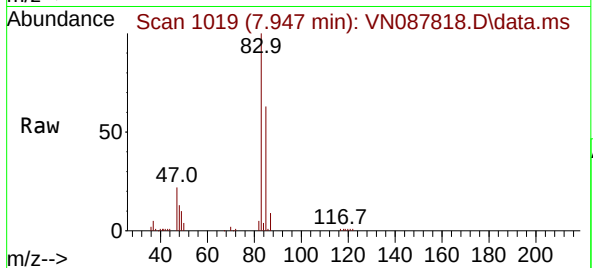
85 62.6 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#26

Cyclohexane

Concen: 21.959 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

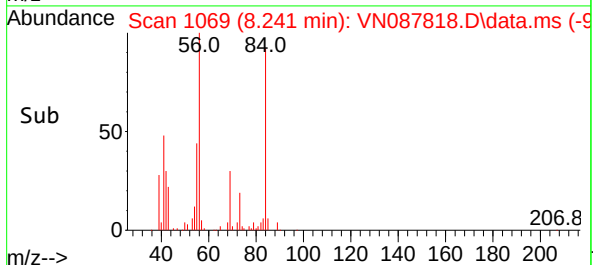
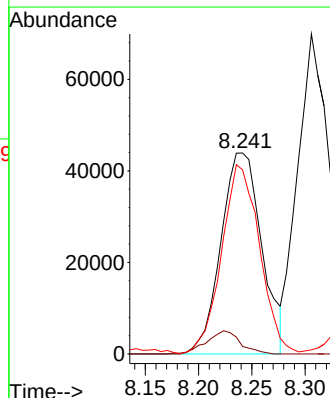
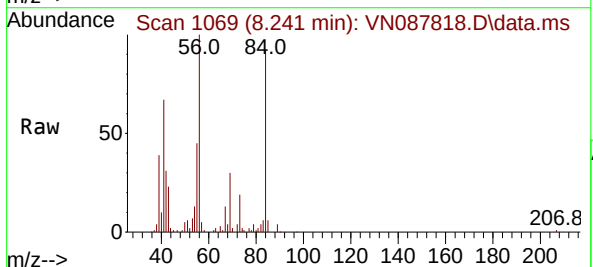
Tgt Ion: 56 Resp: 117487

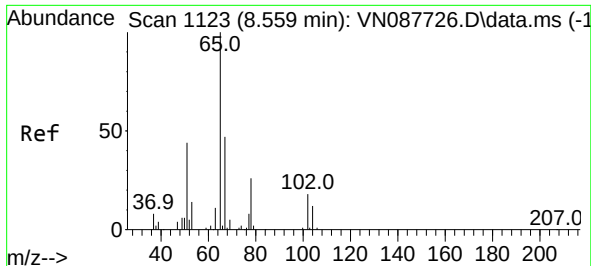
Ion Ratio Lower Upper

56 100

89 9.5 0.0 0.0#

84 87.6 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 28.855 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 13945

Ion Ratio Lower Upper

65 100

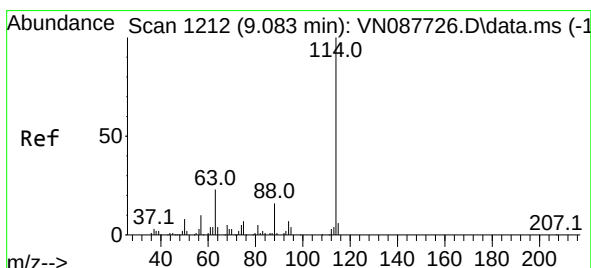
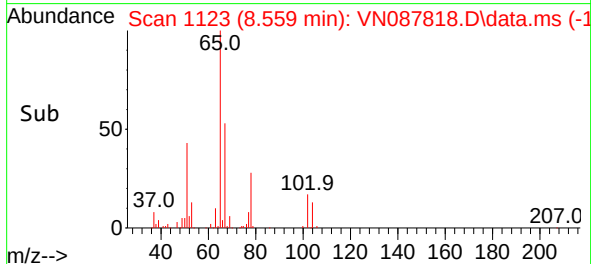
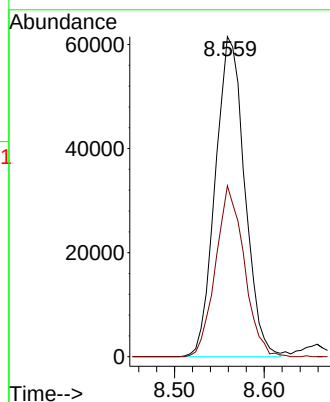
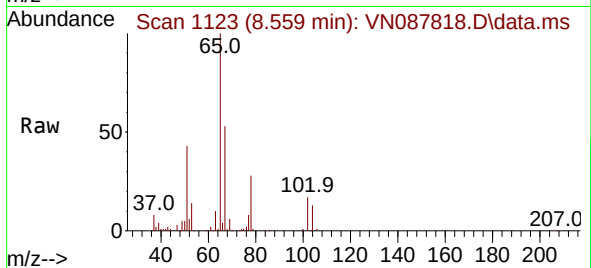
67 51.7 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

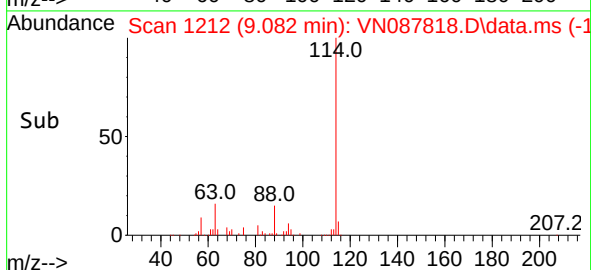
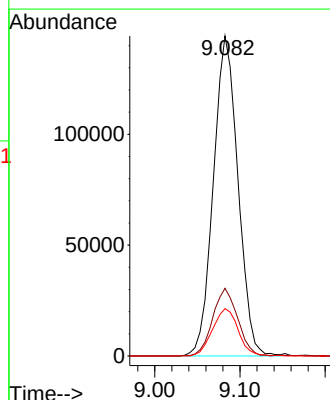
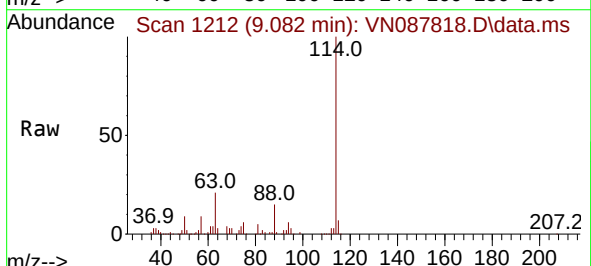
Tgt Ion:114 Resp: 289907

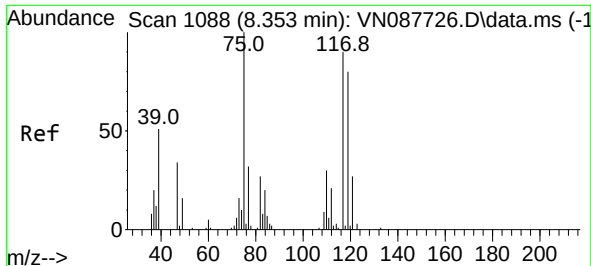
Ion Ratio Lower Upper

114 100

63 21.4 18.3 27.5

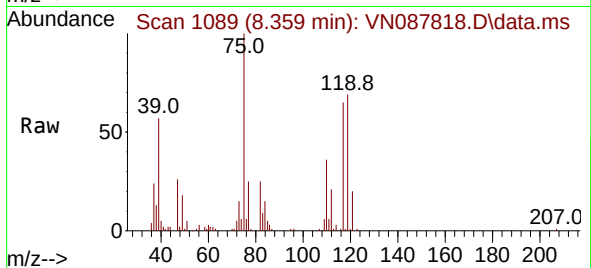
88 15.3 12.4 18.6





#29
1,1-Dichloropropene
Concen: 20.880 ug/l
RT: 8.359 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

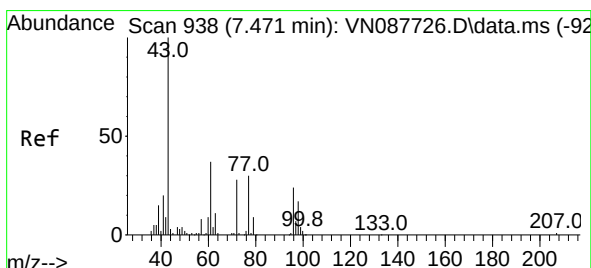
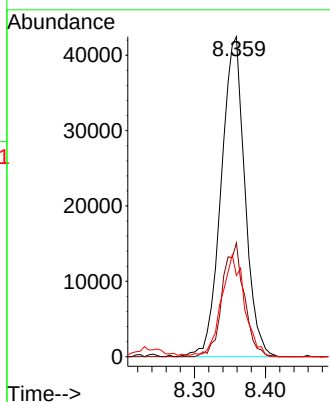
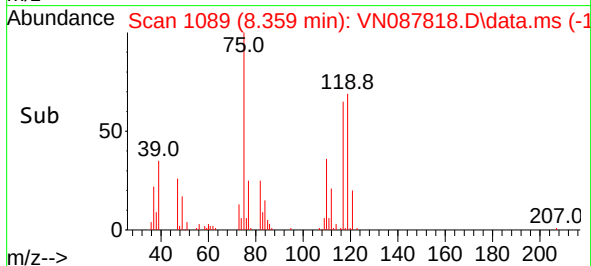
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 98370
Ion Ratio Lower Upper
75 100
110 32.5 0.0 64.4
77 30.9 0.0 62.2

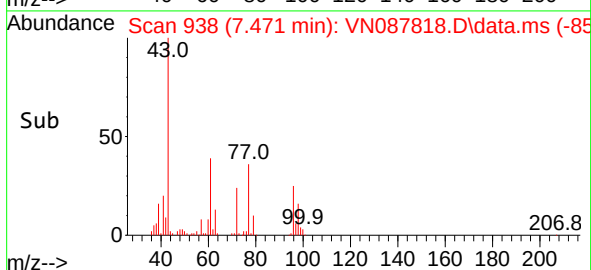
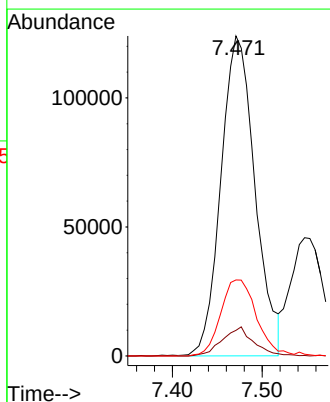
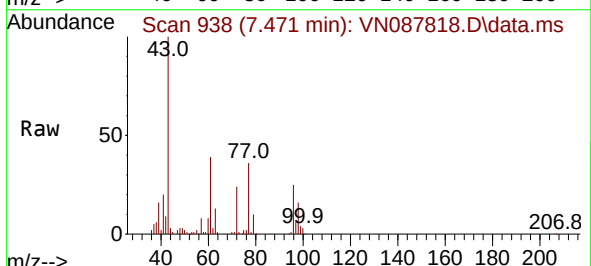
Manual Integrations
APPROVED

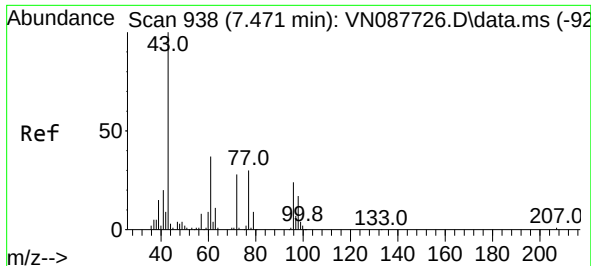
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#30
2-Butanone
Concen: 100.769 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

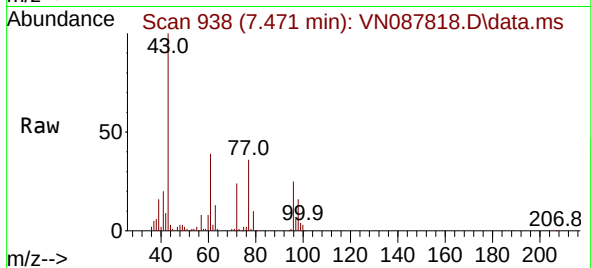
Tgt Ion: 43 Resp: 327057
Ion Ratio Lower Upper
43 100
57 8.4 6.3 9.5
72 24.9 21.4 32.2





#31
2,2-Dichloropropane
Concen: 22.277 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

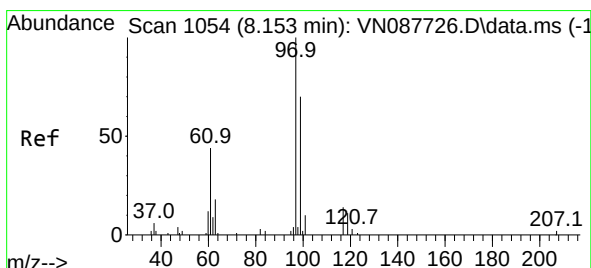
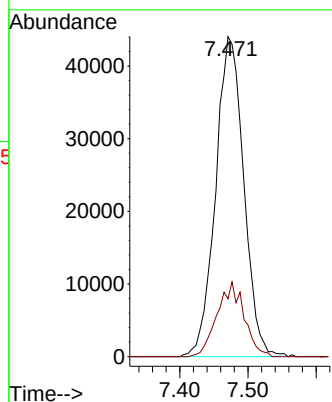
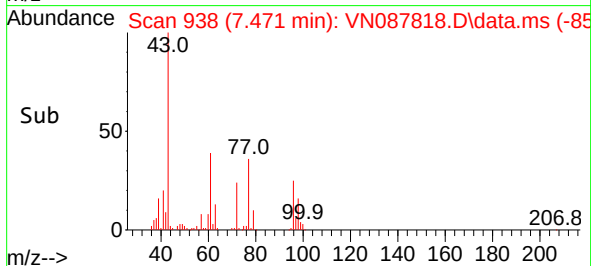
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 12652
Ion Ratio Lower Upper
77 100
97 22.3 17.1 25.7

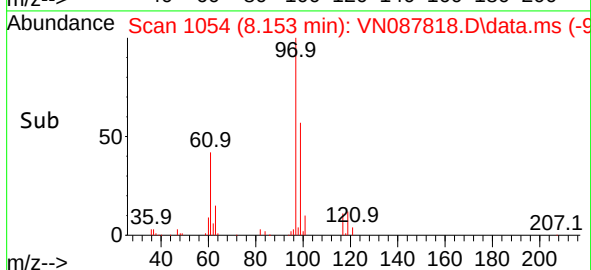
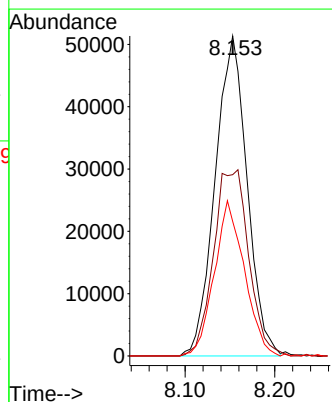
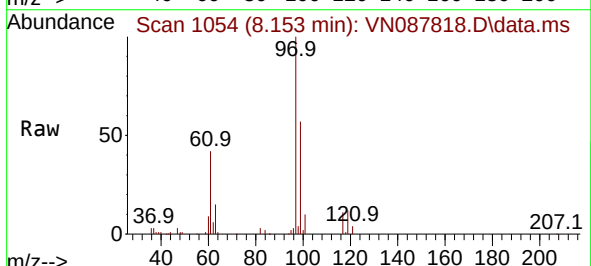
Manual Integrations
APPROVED

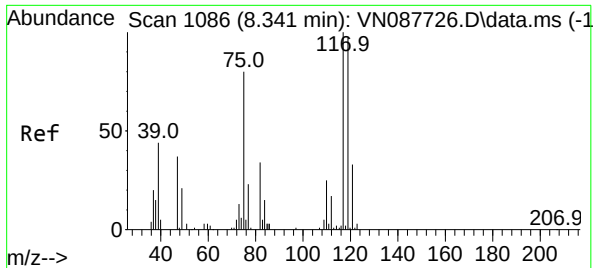
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#32
1,1,1-Trichloroethane
Concen: 21.249 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

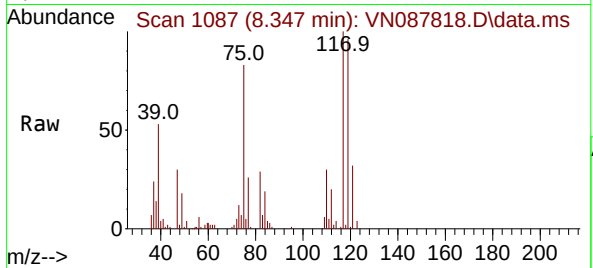
Tgt Ion: 97 Resp: 126924
Ion Ratio Lower Upper
97 100
99 30.1 52.2 78.4#
61 45.8 37.9 56.9





#33
Carbon Tetrachloride
Concen: 21.694 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

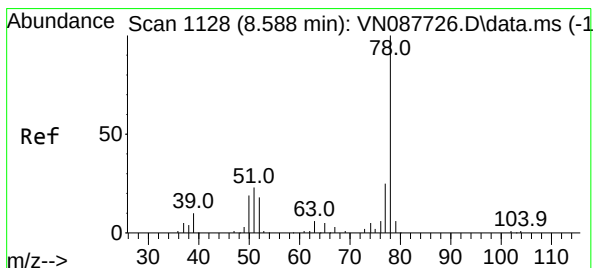
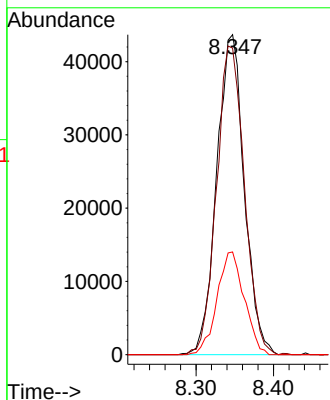
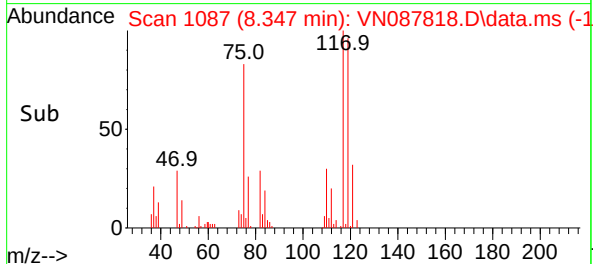
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 10804
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 32.1 26.6 39.8

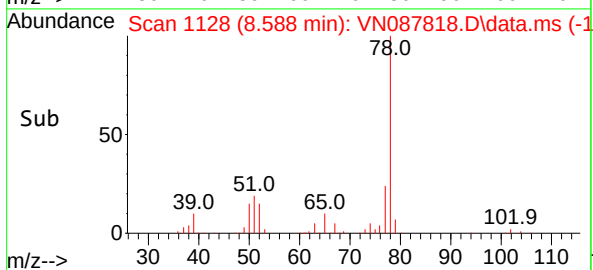
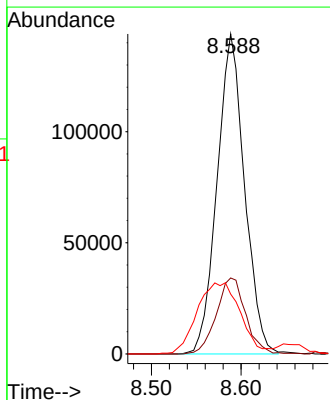
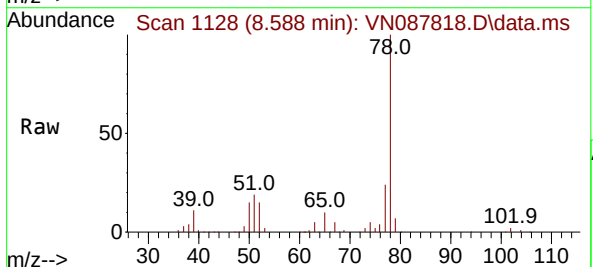
Manual Integrations
APPROVED

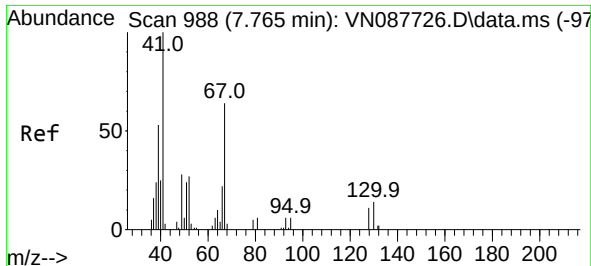
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#34
Benzene
Concen: 20.066 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Tgt Ion: 78 Resp: 305550
Ion Ratio Lower Upper
78 100
77 23.7 20.3 30.5
51 16.8 18.0 27.0#





#35
Methacrylonitrile
Concen: 19.114 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

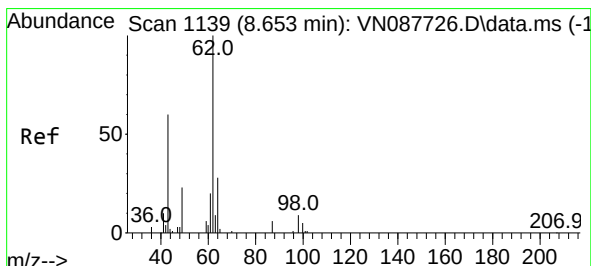
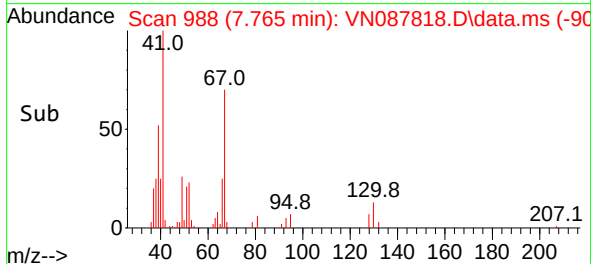
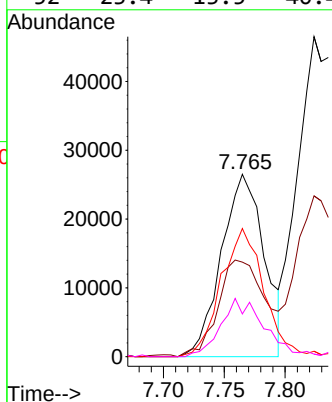
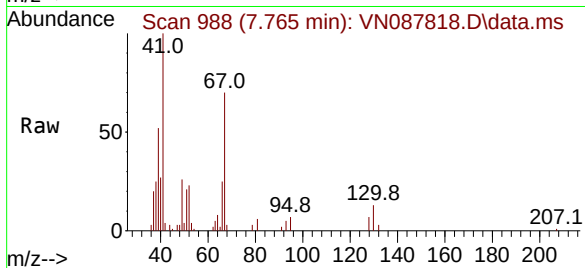
VSTDCCC020EC

Tgt Ion: 41 Resp: 64889
Ion Ratio Lower Upper
41 100
39 51.8 27.1 81.2
67 70.2 32.1 96.5
52 23.4 13.5 40.4

Manual Integrations

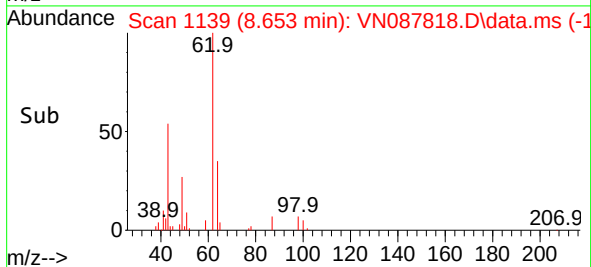
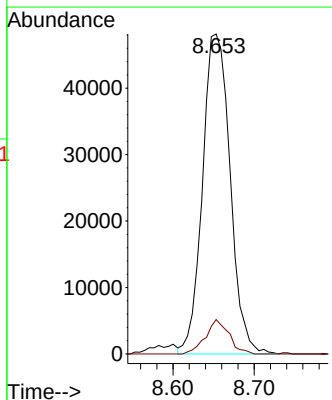
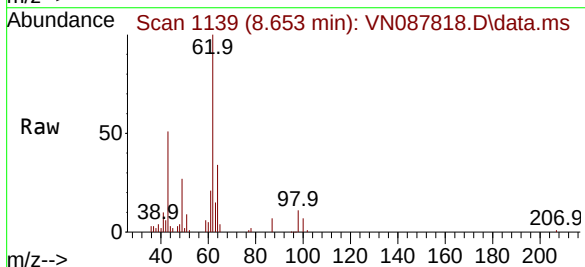
APPROVED

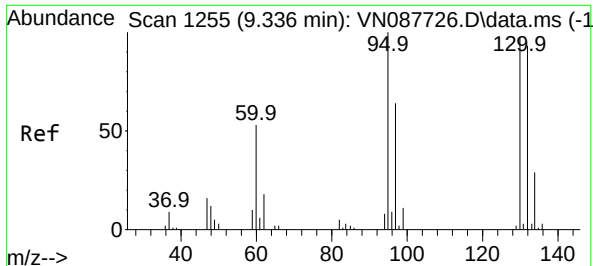
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#36
1,2-Dichloroethane
Concen: 19.817 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

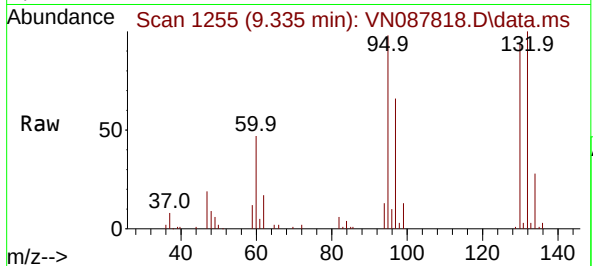
Tgt Ion: 62 Resp: 113980
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#37
Trichloroethene
Concen: 20.316 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

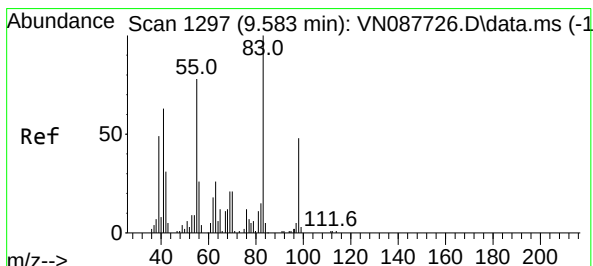
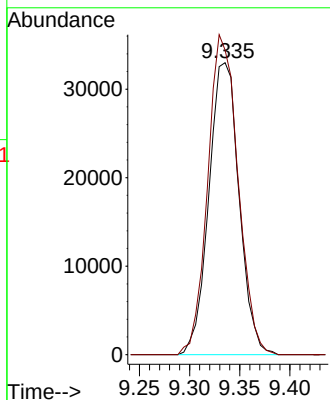
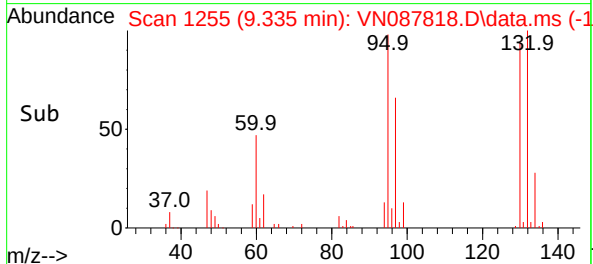
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



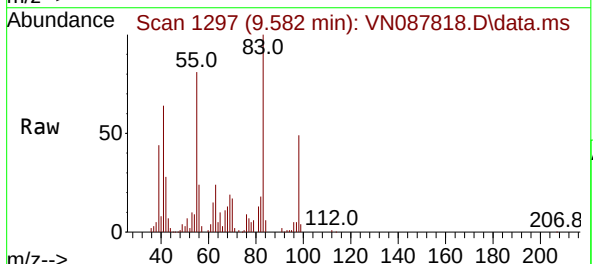
Tgt Ion:130 Resp: 6915
Ion Ratio Lower Upper
130 100
95 104.3 82.7 124.1

Manual Integrations
APPROVED

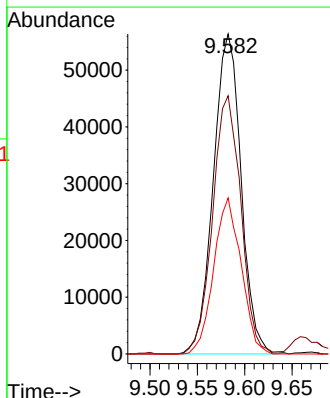
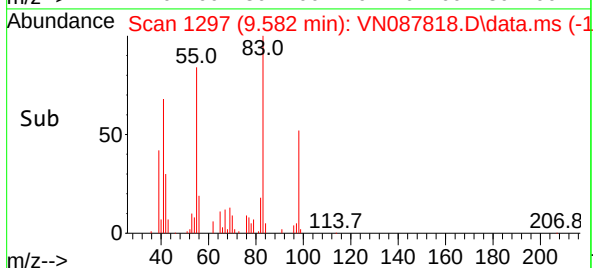
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

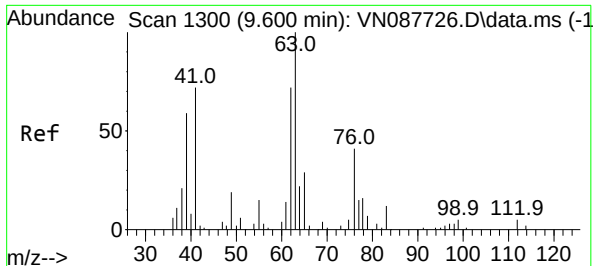


#38
Methylcyclohexane
Concen: 22.121 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



Tgt Ion: 83 Resp: 114763
Ion Ratio Lower Upper
83 100
55 82.2 40.4 121.1
98 48.3 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.235 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 78910

Ion Ratio Lower Upper

63 100

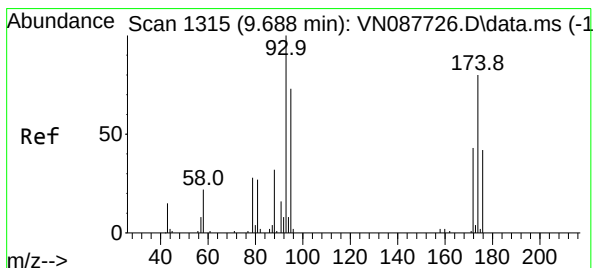
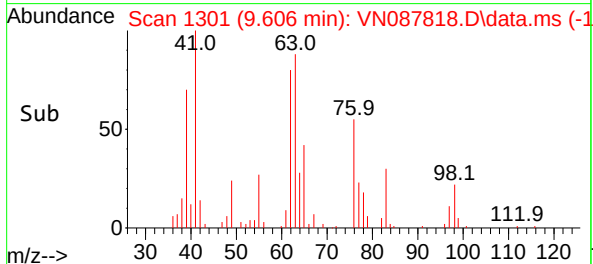
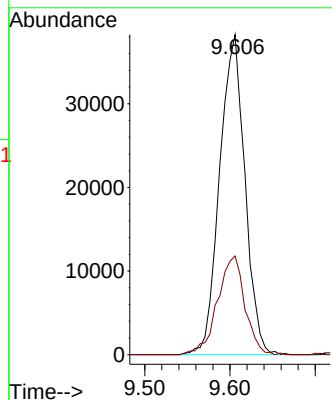
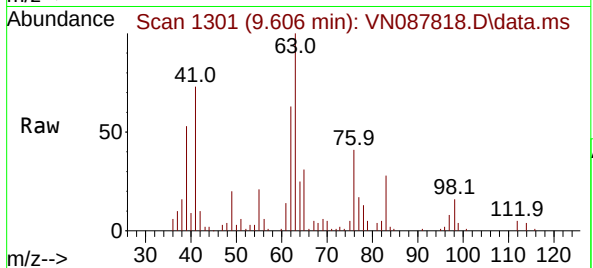
65 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#40

Dibromomethane

Concen: 20.350 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

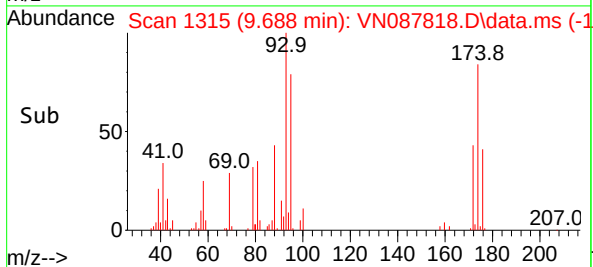
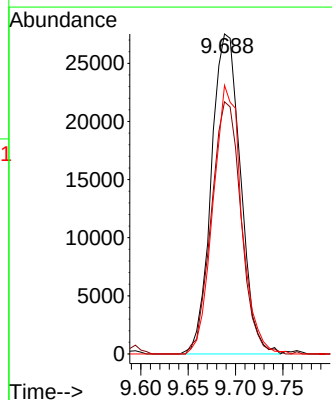
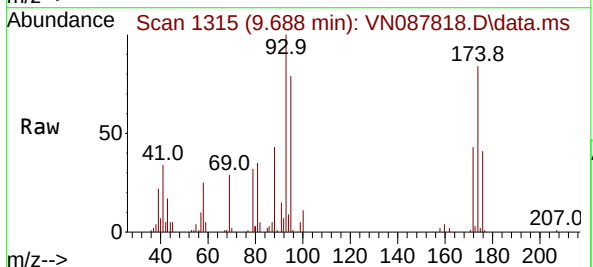
Tgt Ion: 93 Resp: 59063

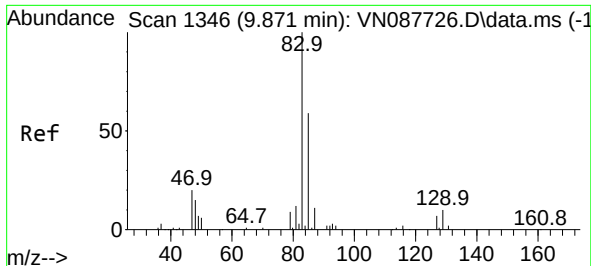
Ion Ratio Lower Upper

93 100

95 79.9 0.0 168.4

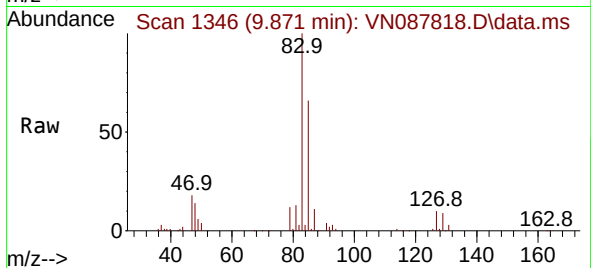
174 81.7 0.0 162.8





#41
Bromodichloromethane
Concen: 19.643 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

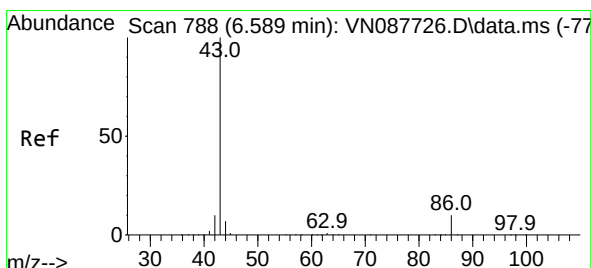
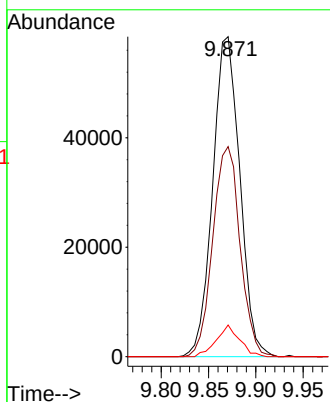
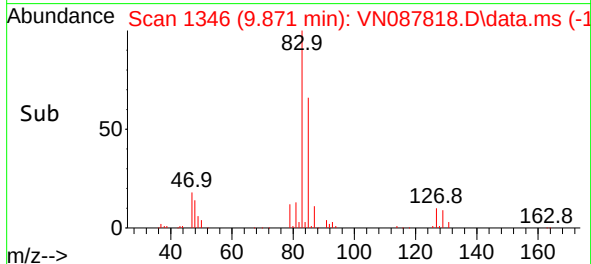
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



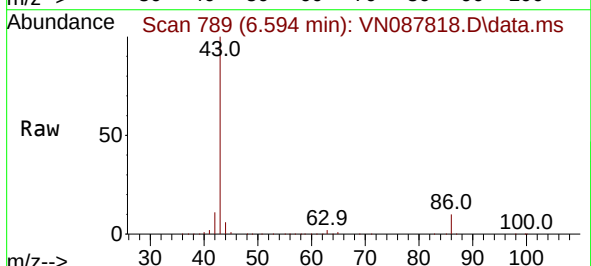
Tgt Ion: 83 Resp: 11652
Ion Ratio Lower Upper
83 100
85 65.6 47.3 70.9
127 9.9 5.2 7.8

Manual Integrations
APPROVED

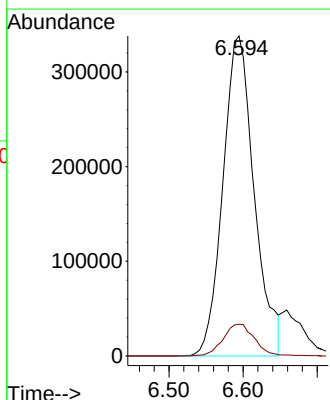
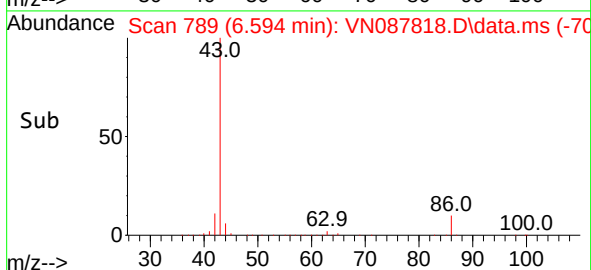
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

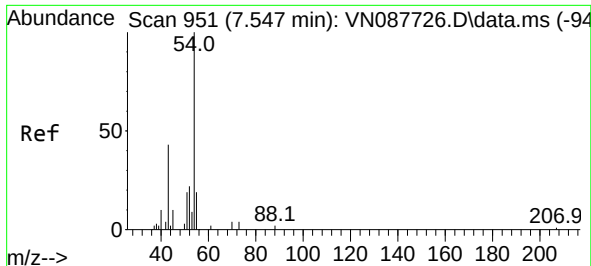


#42
Vinyl Acetate
Concen: 91.479 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



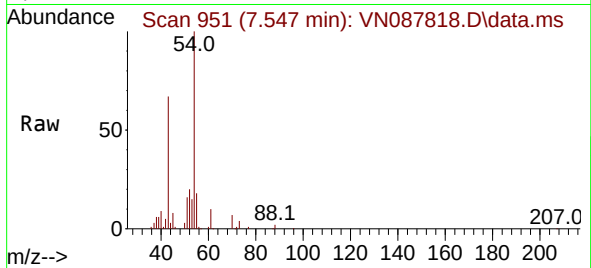
Tgt Ion: 43 Resp: 992020
Ion Ratio Lower Upper
43 100
86 10.0 7.7 11.5





#43
Ethyl Acetate
Concen: 18.913 ug/l
RT: 7.547 min Scan# 914
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

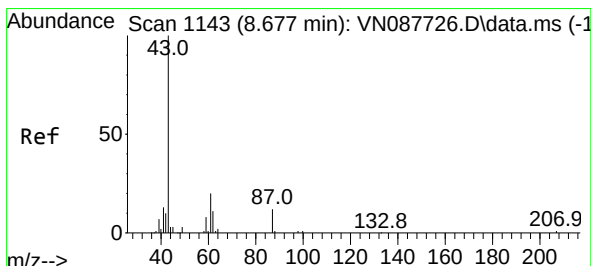
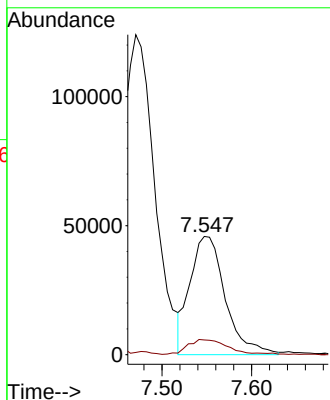
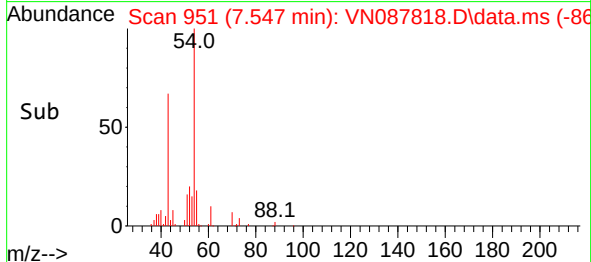
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



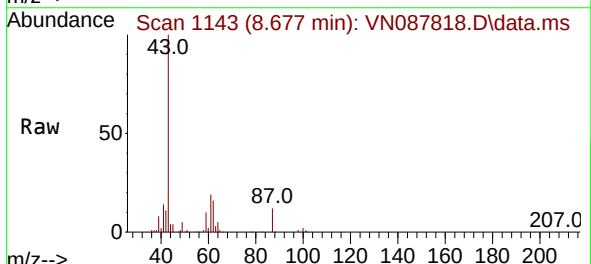
Tgt Ion: 43 Resp: 125414
Ion Ratio Lower Upper
43 100
45 14.0 10.5 15.7

Manual Integrations
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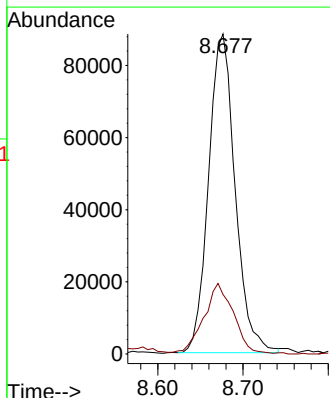
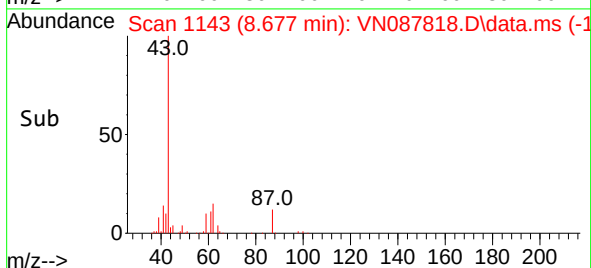
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

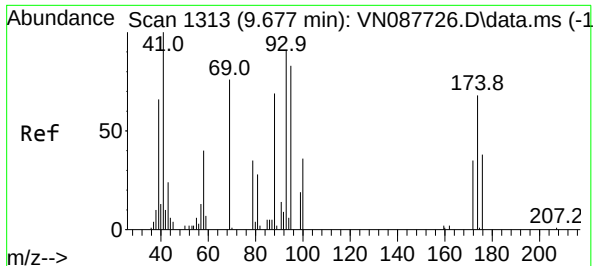


#44
Isopropyl Acetate
Concen: 18.415 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



Tgt Ion: 43 Resp: 191430
Ion Ratio Lower Upper
43 100
61 24.9 19.5 29.3





#45

1,4-Dioxane

Concen: 418.594 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.012 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

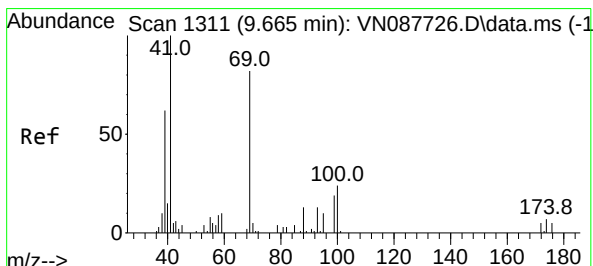
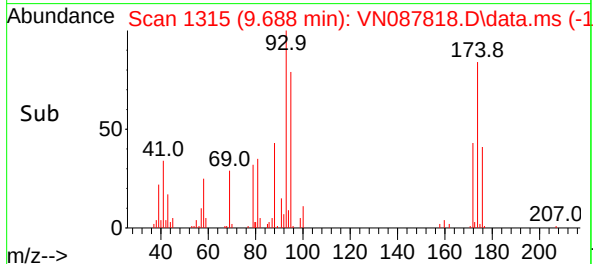
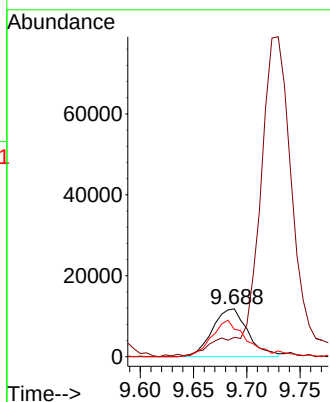
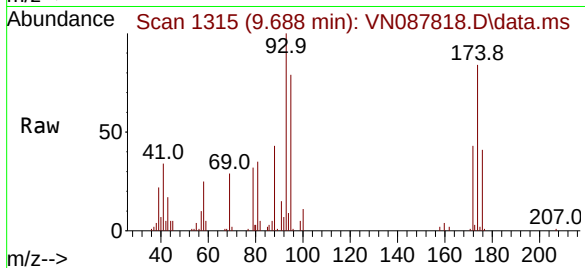
Tgt Ion: 88 Resp: 2744

Ion	Ratio	Lower	Upper
88	100		
43	22.8	23.6	35.4
58	72.7	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#46

Methyl methacrylate

Concen: 18.592 ug/l

RT: 9.665 min Scan# 1311

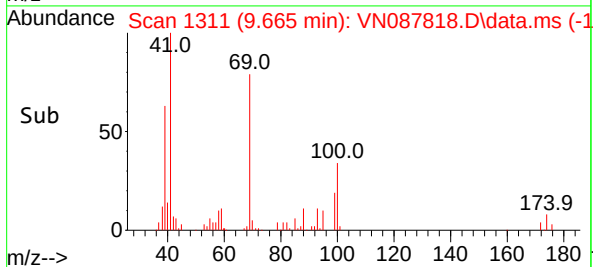
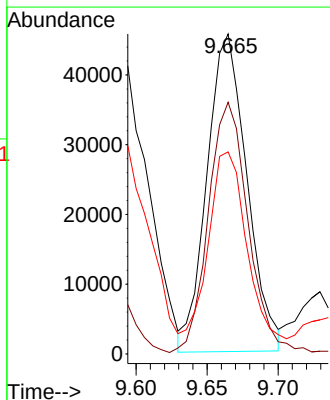
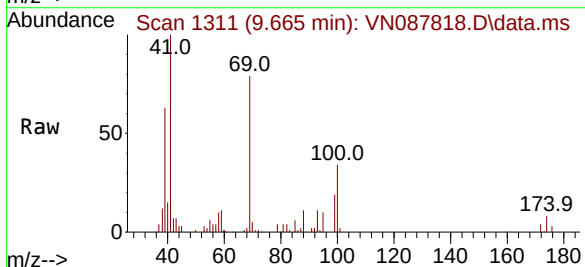
Delta R.T. -0.000 min

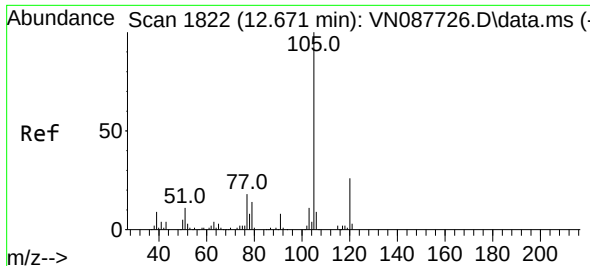
Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Tgt Ion: 41 Resp: 89083

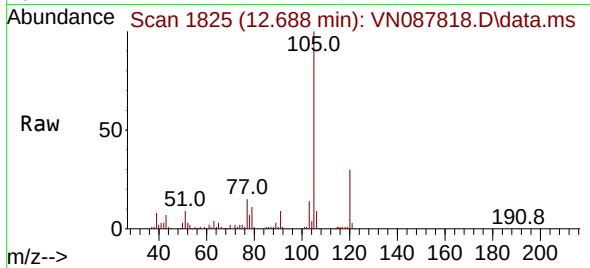
Ion	Ratio	Lower	Upper
41	100		
69	82.6	40.3	120.9
39	61.4	31.9	95.9





#47
n-amy1 Acetate
Concen: 14.866 ug/l m
RT: 12.688 min Scan# 1825
Delta R.T. 0.017 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

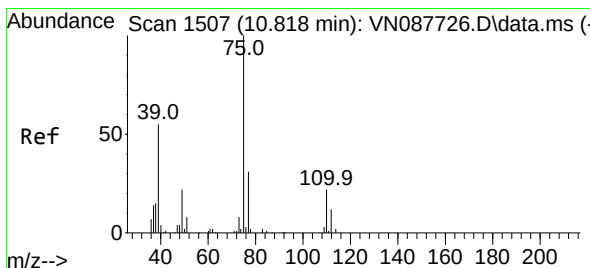
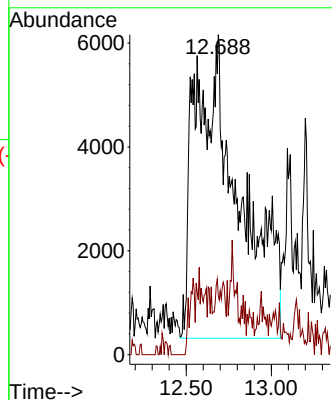
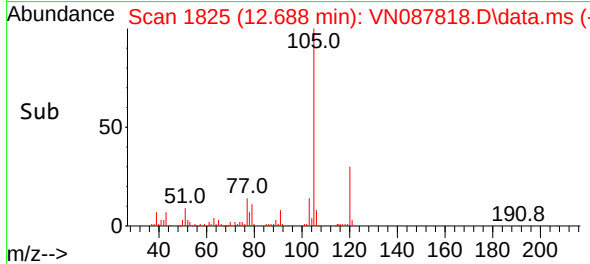
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 10443
Ion Ratio Lower Upper
43 100
55 1.6 0.7 1.1

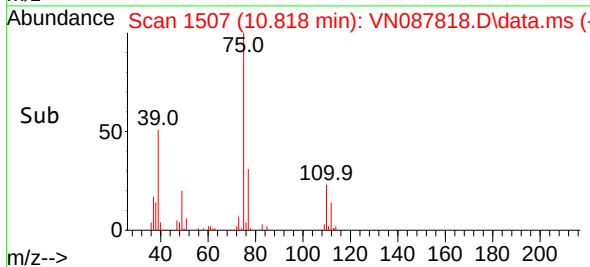
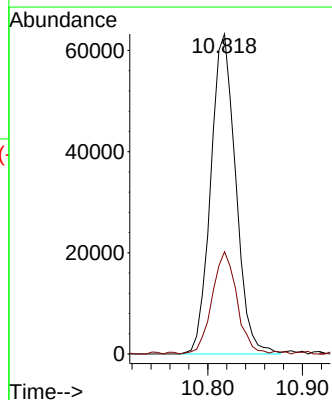
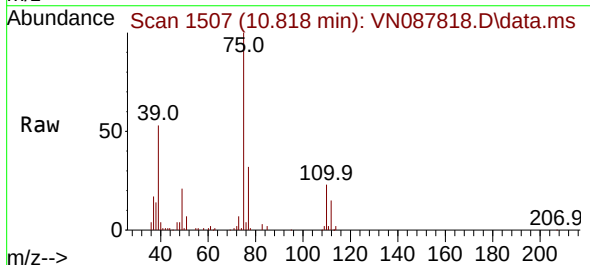
Manual Integrations
APPROVED

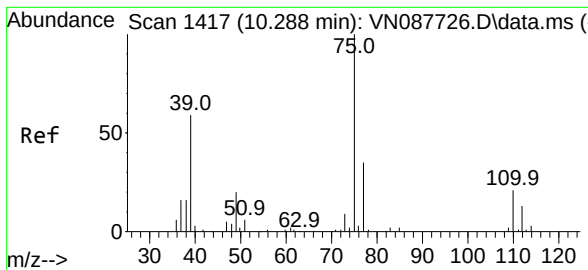
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#48
t-1,3-Dichloropropene
Concen: 18.855 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

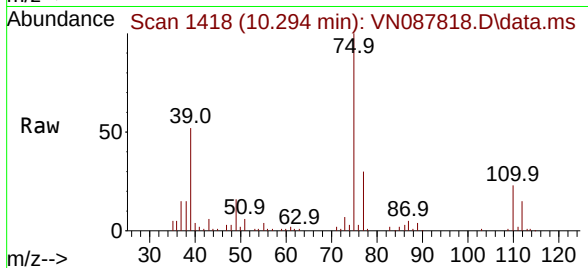
Tgt Ion: 75 Resp: 116171
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.218 ug/l
 RT: 10.294 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VN087818.D
 Acq: 12 Sep 2025 15:51

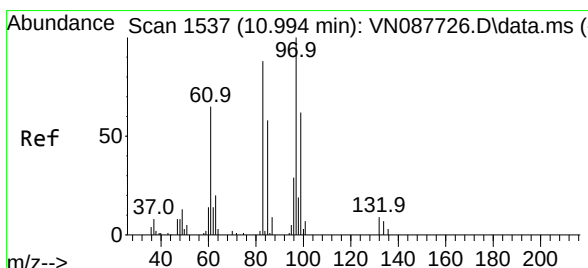
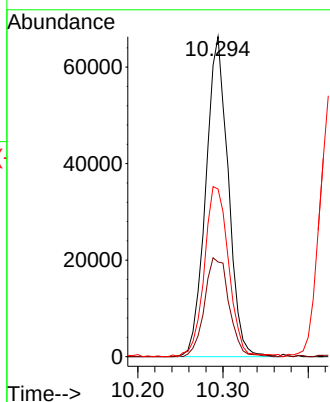
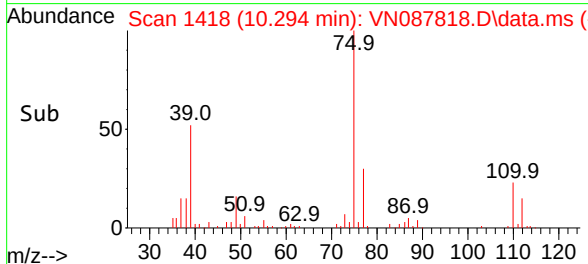
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 121275
 Ion Ratio Lower Upper
 75 100
 77 29.6 27.8 41.6
 39 52.4 47.6 71.4

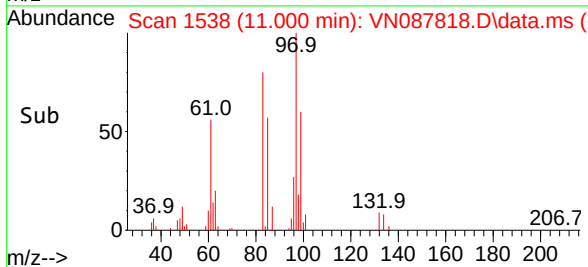
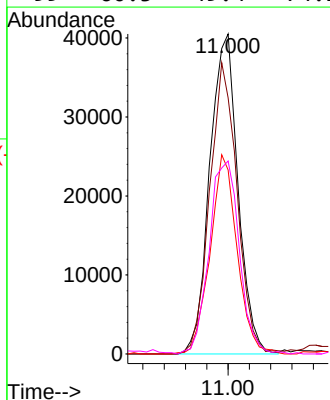
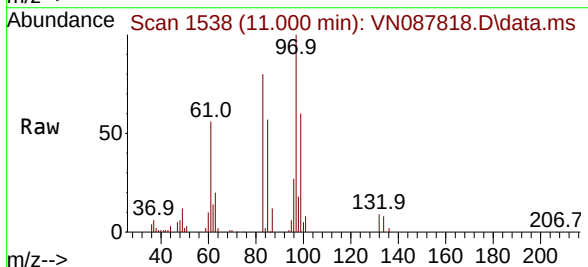
Manual Integrations
 APPROVED

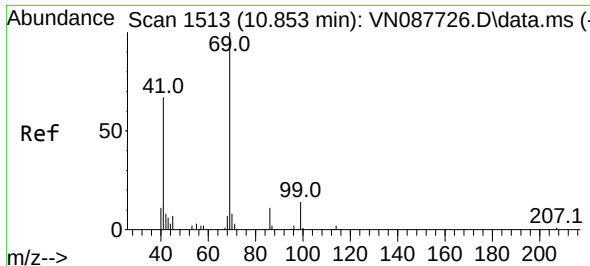
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.864 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087818.D
 Acq: 12 Sep 2025 15:51

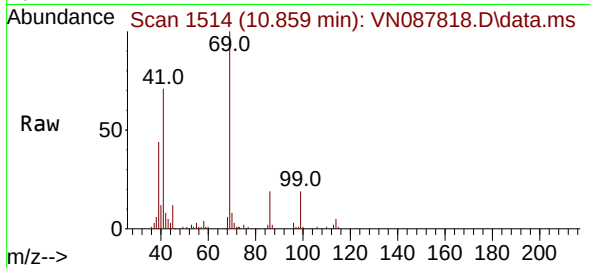
Tgt Ion: 97 Resp: 74462
 Ion Ratio Lower Upper
 97 100
 83 80.1 70.5 105.7
 85 57.1 46.3 69.5
 99 60.3 49.4 74.2





#51
Ethyl methacrylate
Concen: 17.844 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

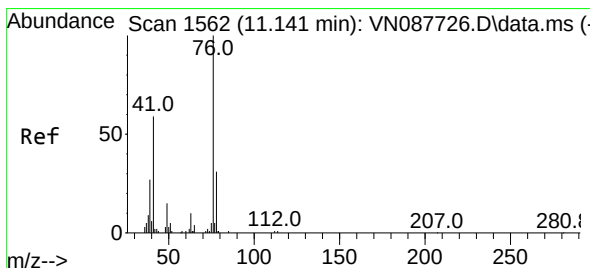
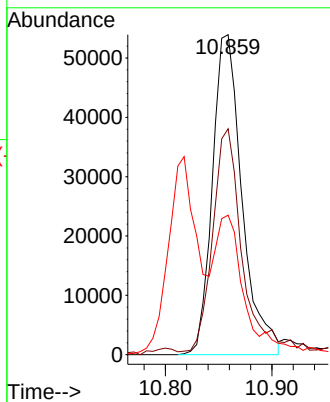
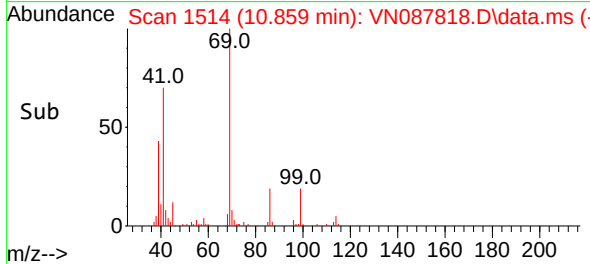
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 10410
Ion Ratio Lower Upper
69 100
41 69.7 33.7 101.0
39 40.1 20.3 60.9

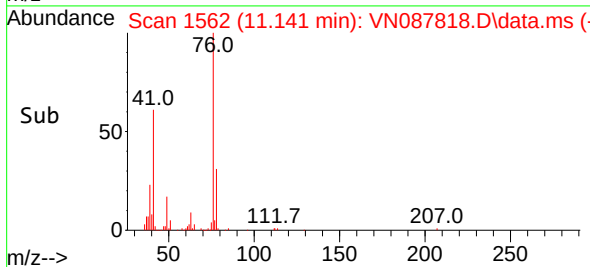
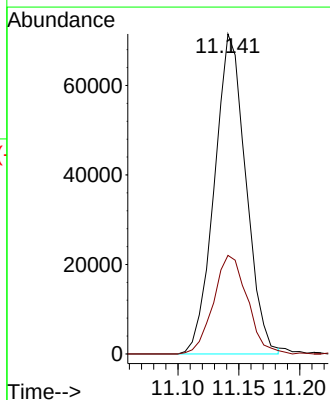
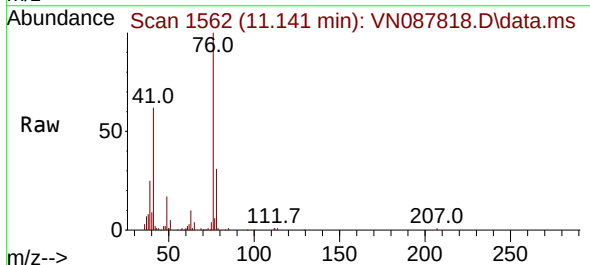
Manual Integrations
APPROVED

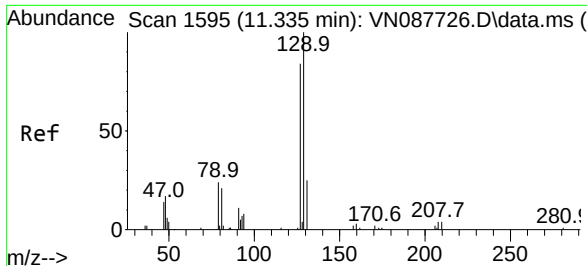
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#52
1,3-Dichloropropane
Concen: 19.742 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

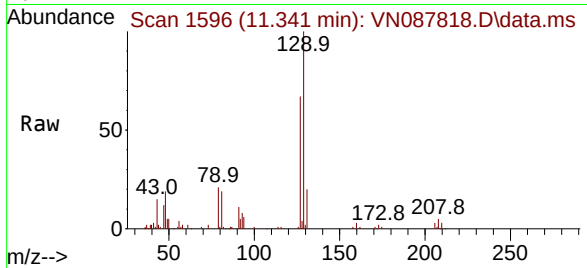
Tgt Ion: 76 Resp: 128513
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.2





#53
Dibromochloromethane
Concen: 20.182 ug/l
RT: 11.341 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

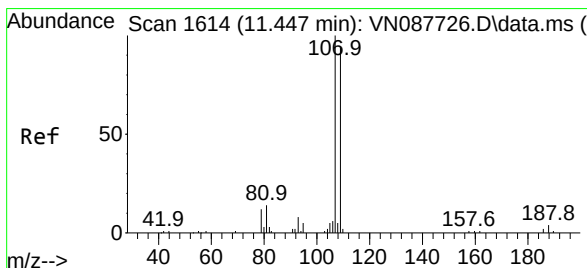
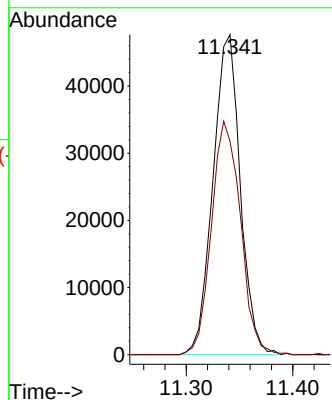
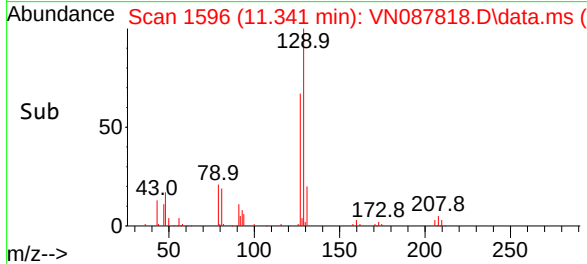
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 84830
Ion Ratio Lower Upper
129 100
127 77.6 42.6 128.0

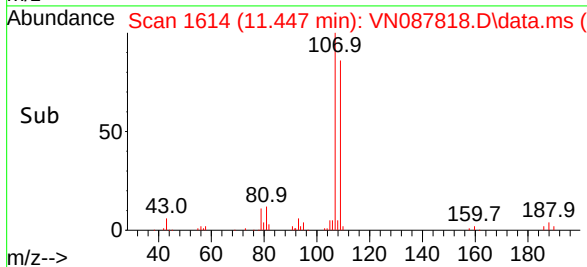
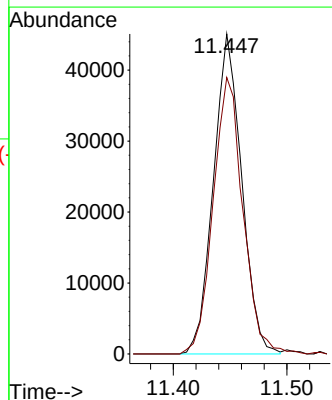
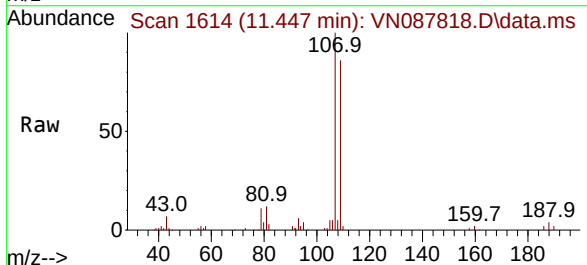
Manual Integrations
APPROVED

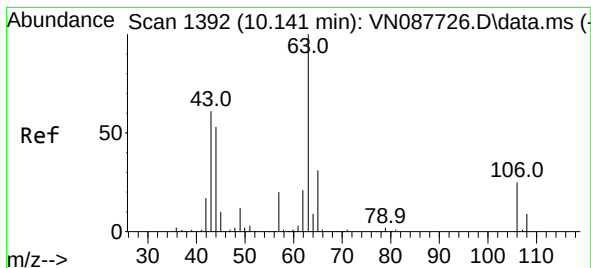
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#54
1,2-Dibromoethane
Concen: 19.962 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Tgt Ion:107 Resp: 77863
Ion Ratio Lower Upper
107 100
109 91.2 74.6 112.0





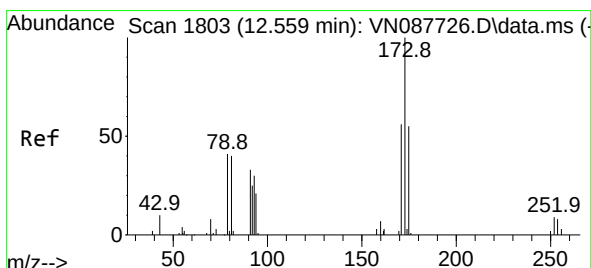
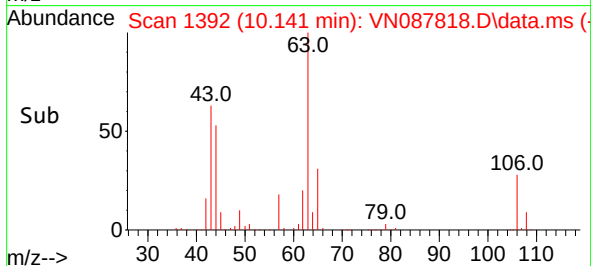
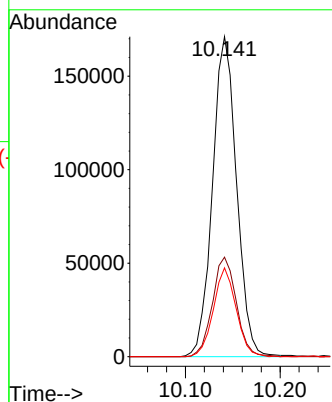
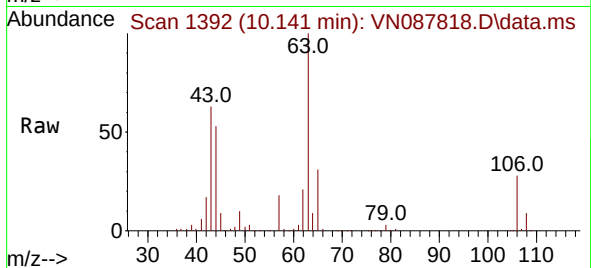
#55
2-Chloroethyl vinyl ether
Concen: 90.391 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 302139
Ion Ratio Lower Upper
63 100
65 30.9 26.6 40.0
106 26.2 21.1 31.7

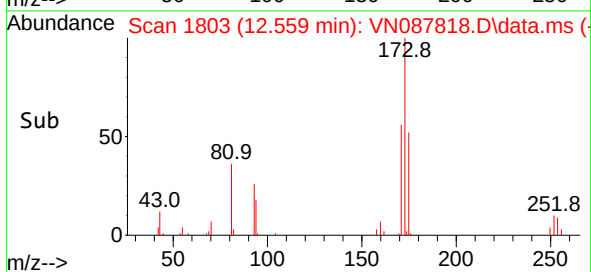
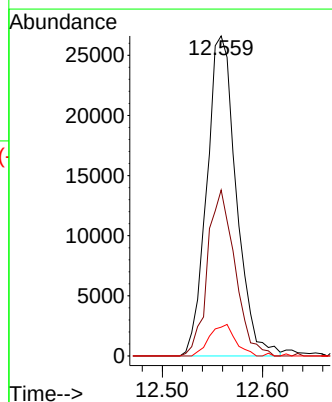
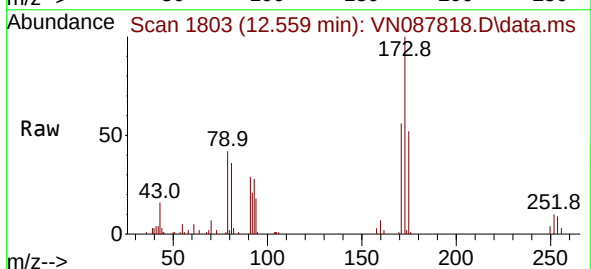
Manual Integrations
APPROVED

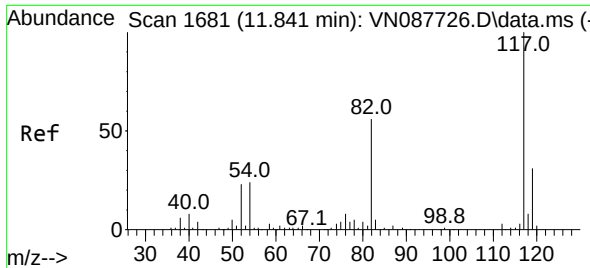
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#56
Bromoform
Concen: 19.813 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

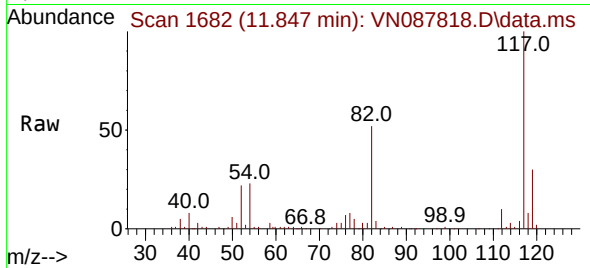
Tgt Ion:173 Resp: 54385
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.6
254 8.7 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

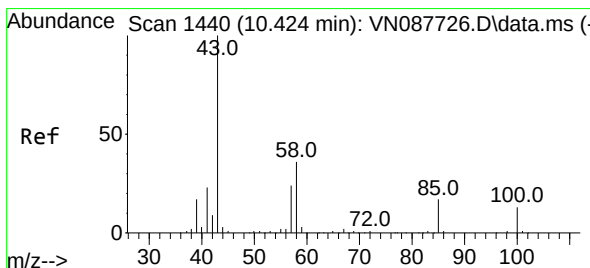
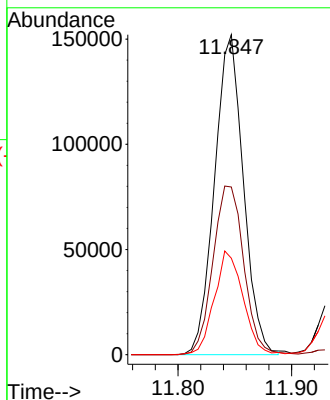
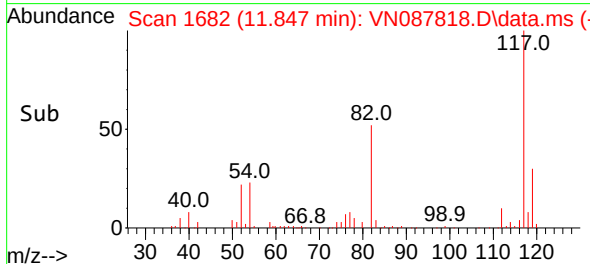
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 268480
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 32.3 25.3 37.9

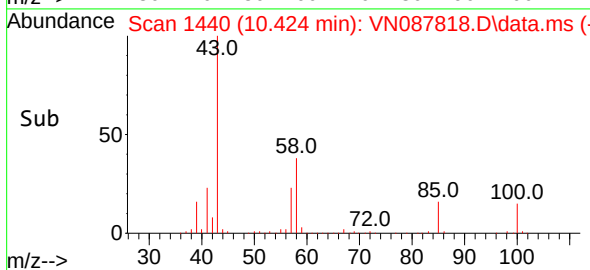
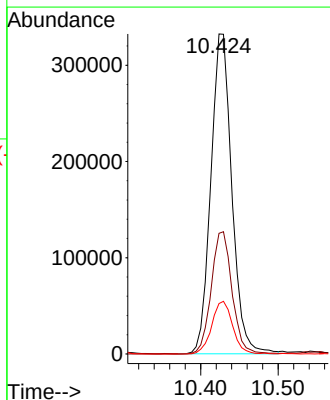
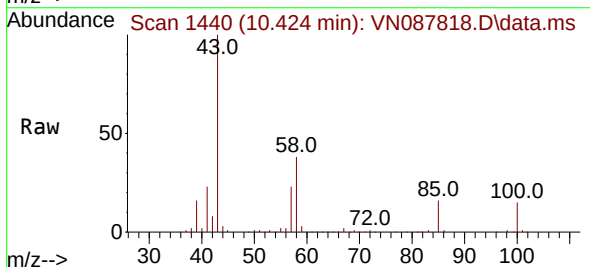
Manual Integrations
APPROVED

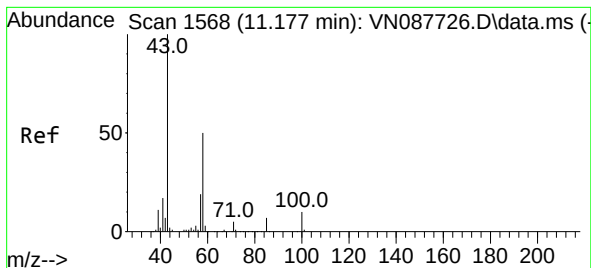
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#58
4-Methyl-2-Pentanone
Concen: 98.671 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

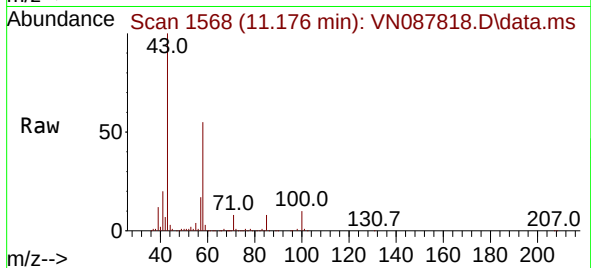
Tgt Ion: 43 Resp: 626397
Ion Ratio Lower Upper
43 100
58 38.0 29.6 44.4
85 16.3 13.0 19.4





#59
2-Hexanone
Concen: 97.427 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

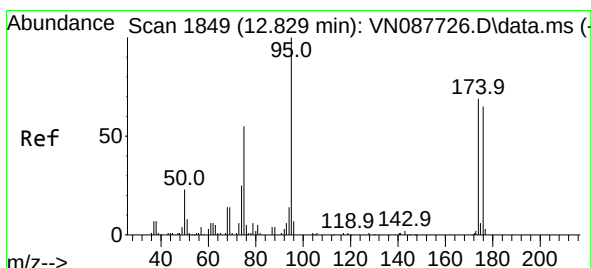
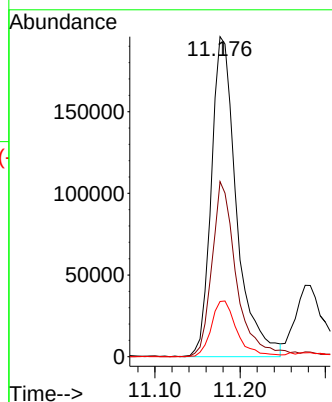
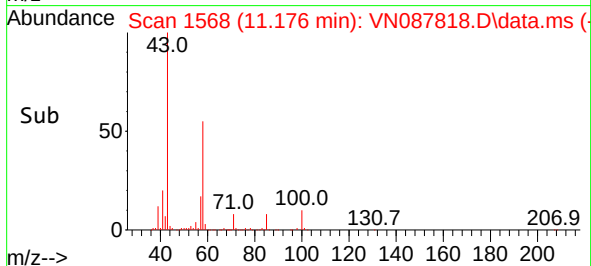
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 404150
Ion Ratio Lower Upper
43 100
58 51.9 40.2 60.4
57 17.7 13.7 20.5

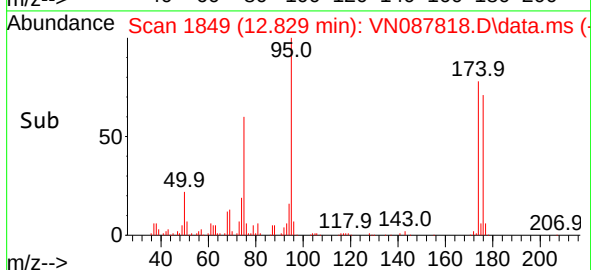
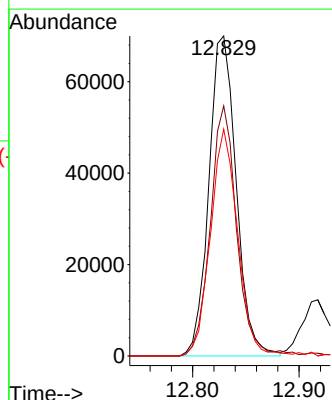
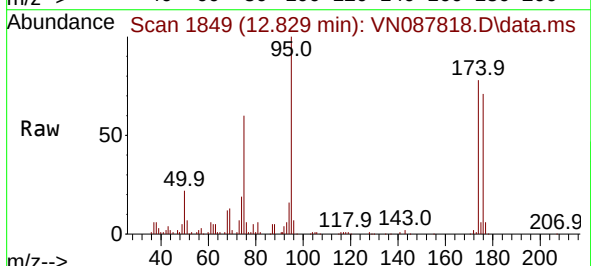
Manual Integrations
APPROVED

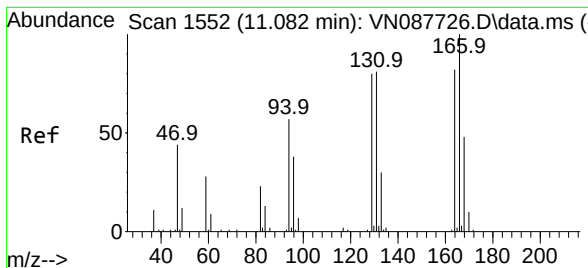
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#60
4-Bromofluorobenzene
Concen: 28.943 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

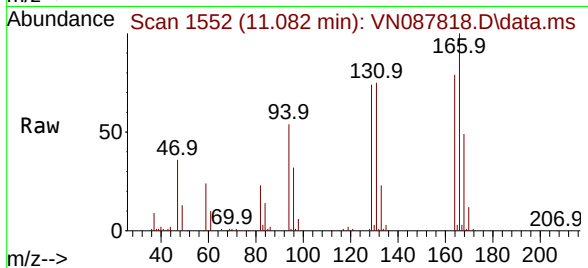
Tgt Ion: 95 Resp: 124950
Ion Ratio Lower Upper
95 100
174 74.6 55.4 83.0
176 70.3 51.5 77.3





#61
Tetrachloroethene
Concen: 23.654 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

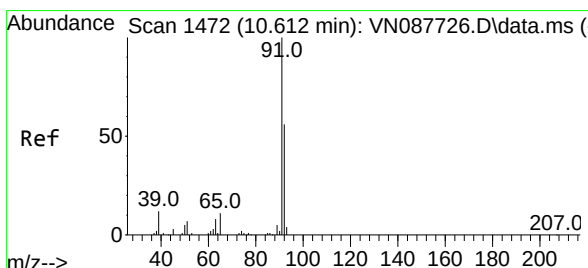
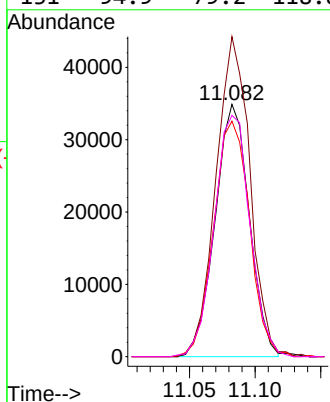
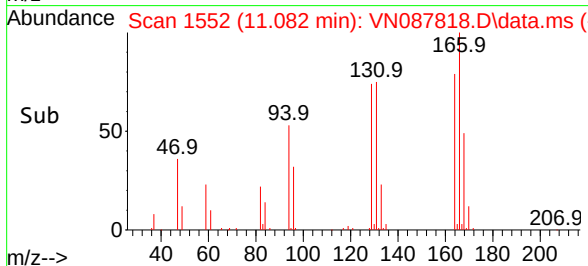
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



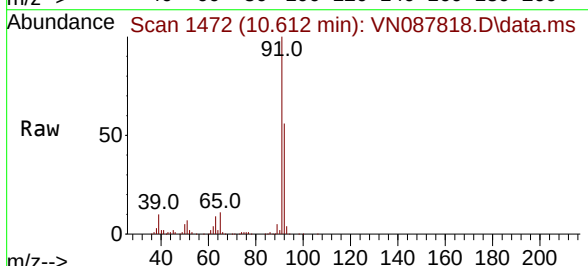
Tgt Ion:164 Resp: 6323
Ion Ratio Lower Upper
164 100
166 126.8 97.3 145.9
129 92.8 78.6 117.8
131 94.9 79.2 118.8

Manual Integrations
APPROVED

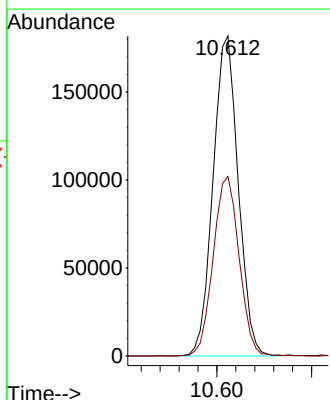
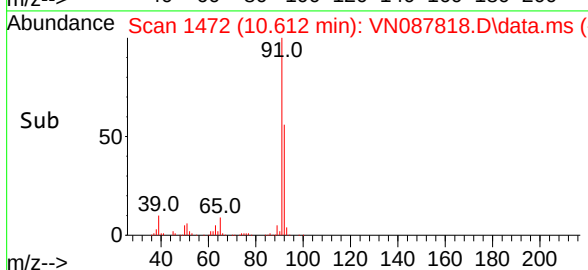
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

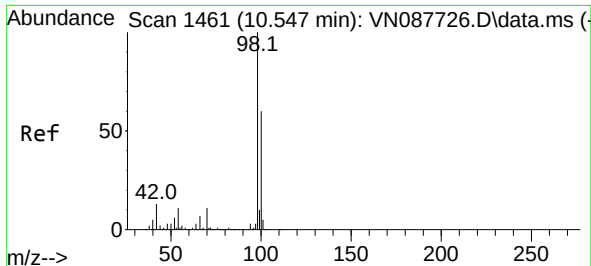


#62
Toluene
Concen: 20.683 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



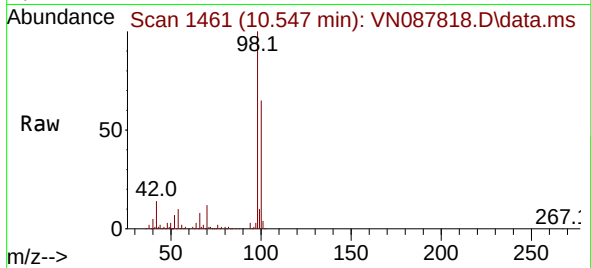
Tgt Ion: 91 Resp: 335893
Ion Ratio Lower Upper
91 100
92 57.7 45.4 68.0





#63
Toluene-d8
Concen: 29.882 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

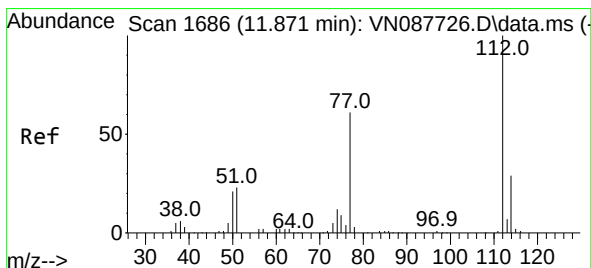
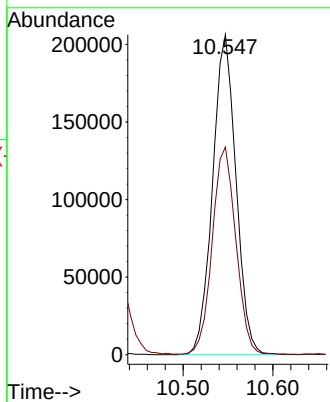
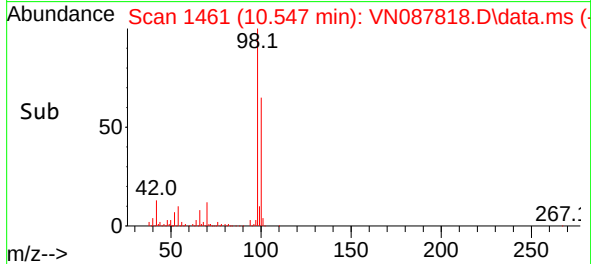
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



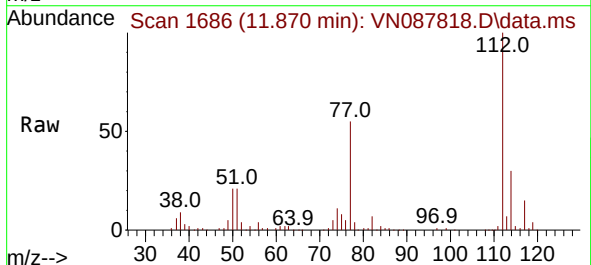
Tgt Ion: 98 Resp: 373110
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

Manual Integrations
APPROVED

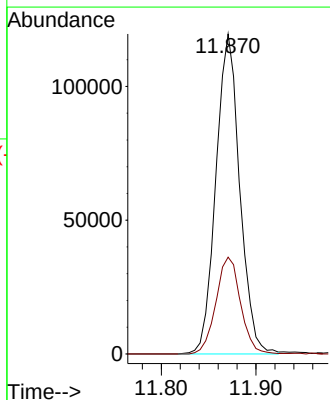
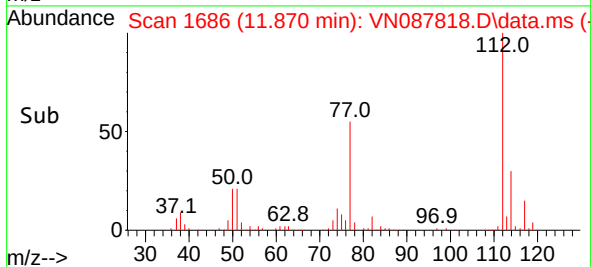
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

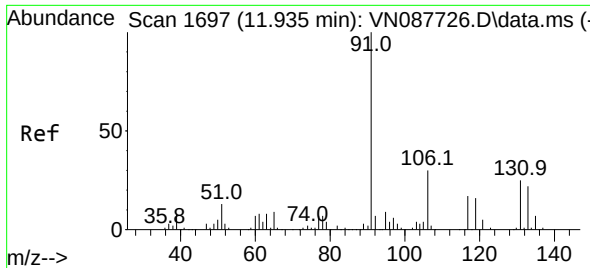


#64
Chlorobenzene
Concen: 21.006 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



Tgt Ion:112 Resp: 209374
Ion Ratio Lower Upper
112 100
114 30.2 23.5 35.3





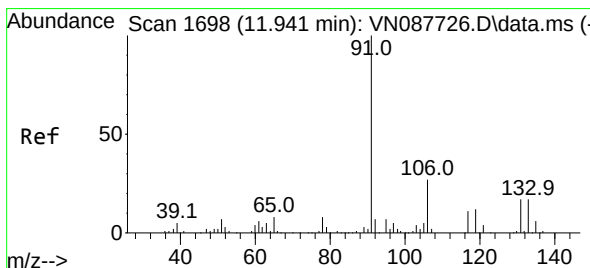
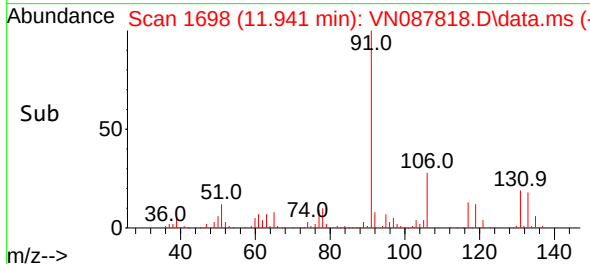
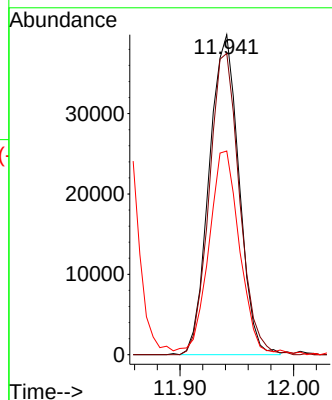
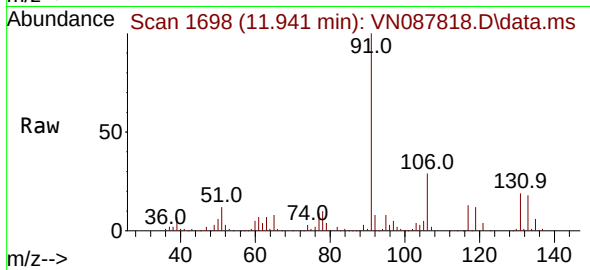
#65
1,1,1,2-Tetrachloroethane
Concen: 20.686 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 72594
Ion Ratio Lower Upper
131 100
133 95.4 0.0 195.8
119 65.5 0.0 139.0

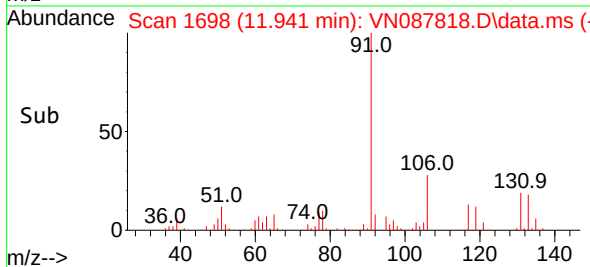
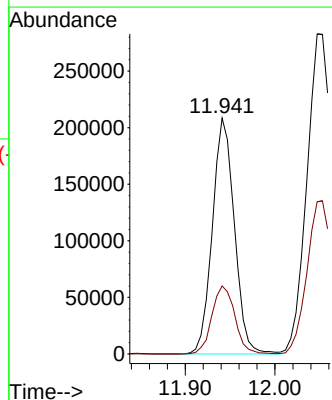
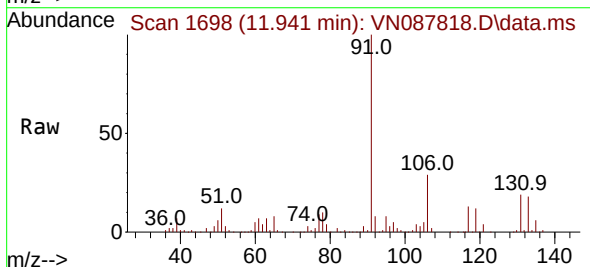
Manual Integrations
APPROVED

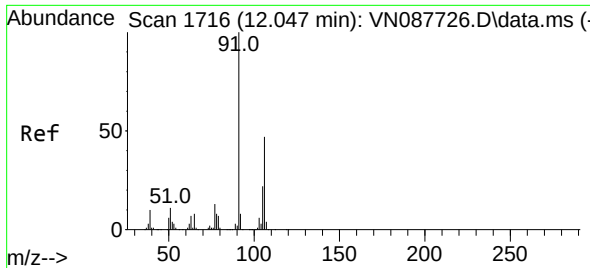
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#66
Ethyl Benzene
Concen: 20.266 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

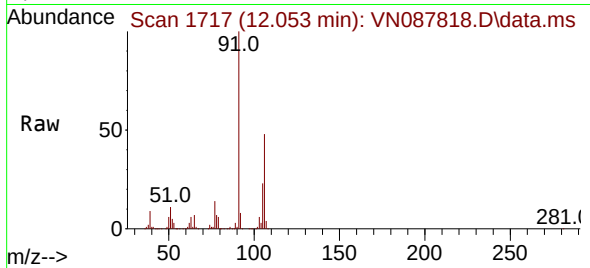
Tgt Ion: 91 Resp: 355068
Ion Ratio Lower Upper
91 100
106 28.9 21.3 31.9





#67
m/p-Xylenes
Concen: 42.024 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

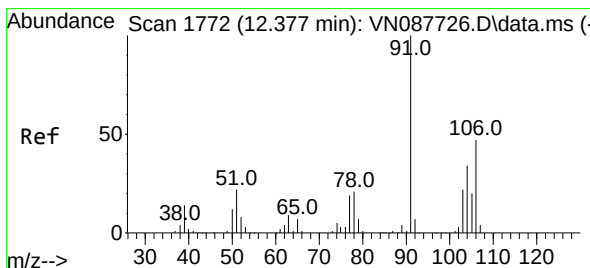
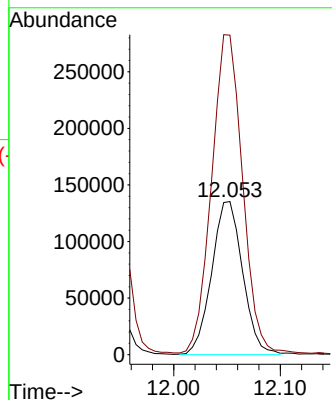
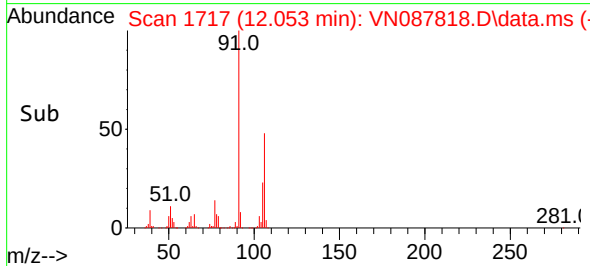
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 273309
Ion Ratio Lower Upper
106 100
91 210.1 174.3 261.5

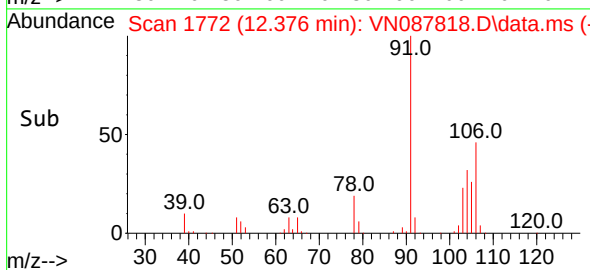
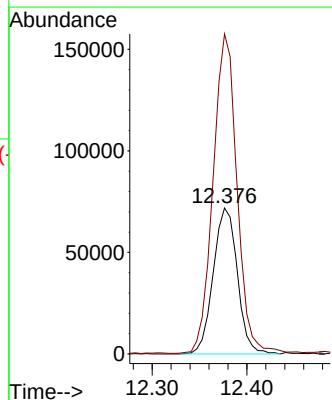
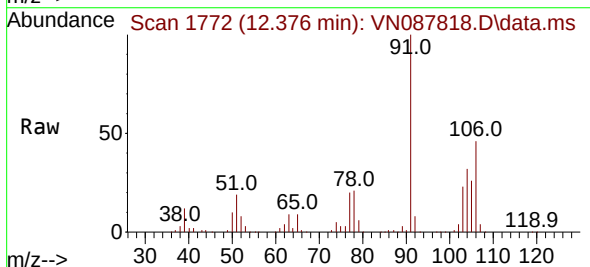
Manual Integrations
APPROVED

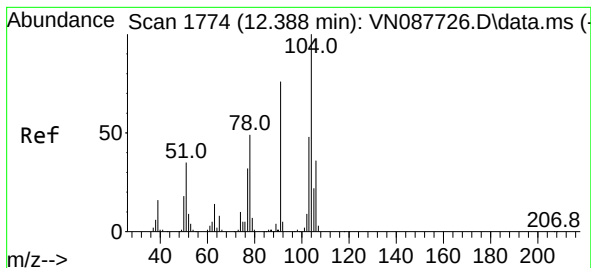
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#68
o-Xylene
Concen: 20.159 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Tgt Ion:106 Resp: 127119
Ion Ratio Lower Upper
106 100
91 216.8 107.7 323.3





#69

Styrene

Concen: 19.660 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

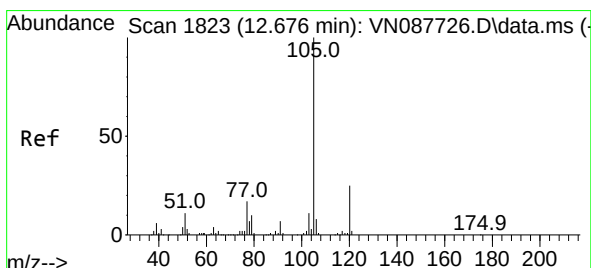
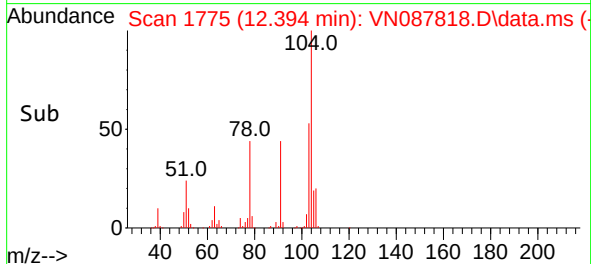
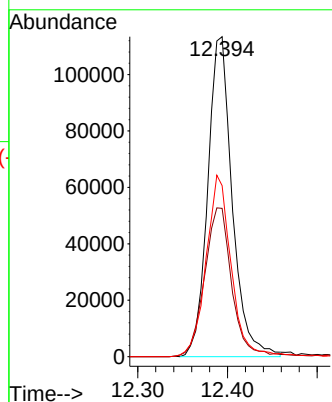
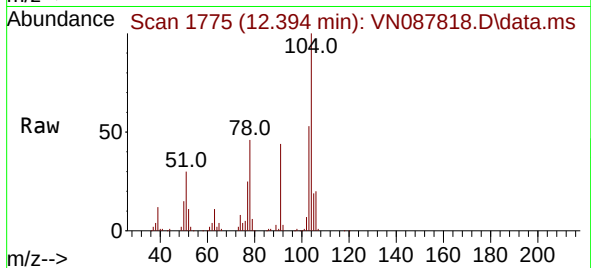
VSTDCCC020EC

Tgt Ion:	104	Resp:	21546
Ion Ratio	Lower	Upper	
104	100		
78	51.1	41.0	61.6
103	58.1	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#70

Isopropylbenzene

Concen: 21.016 ug/l

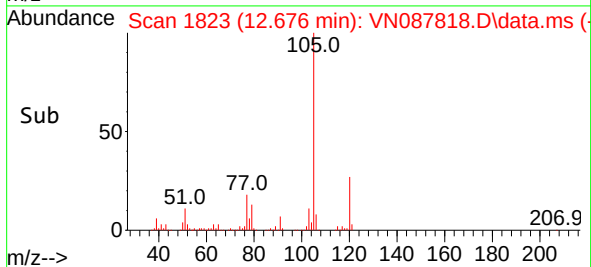
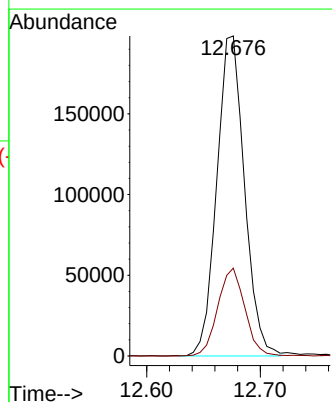
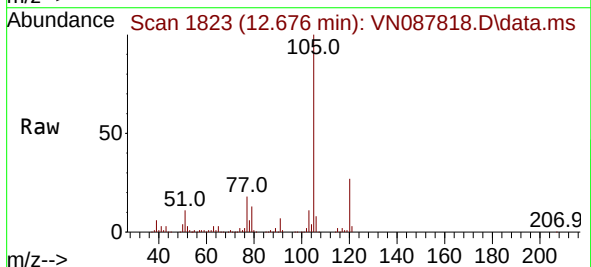
RT: 12.676 min Scan# 1823

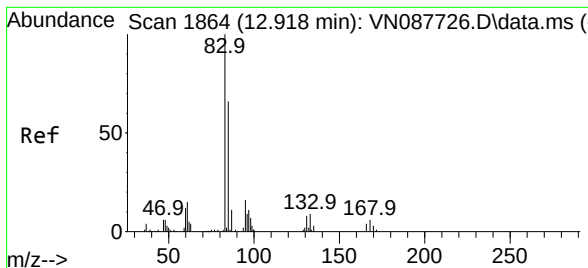
Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

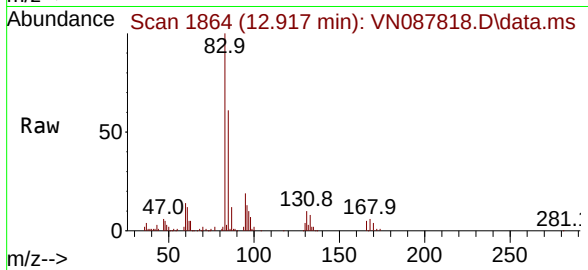
Tgt Ion:	105	Resp:	336033
Ion Ratio	Lower	Upper	
105	100		
120	26.7	17.4	32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 20.668 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

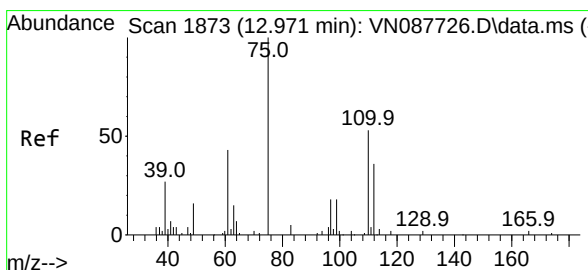
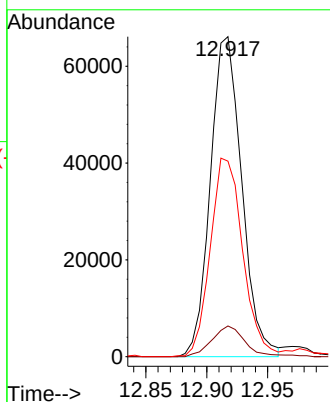
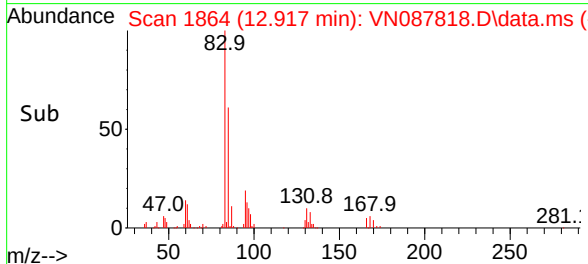
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 118799
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 63.3 31.9 95.7

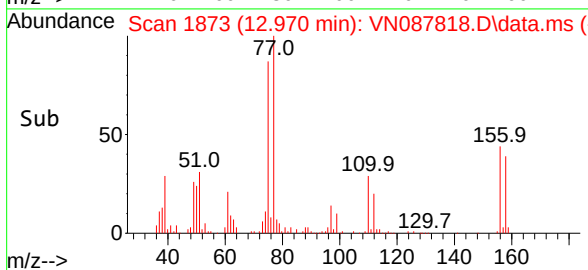
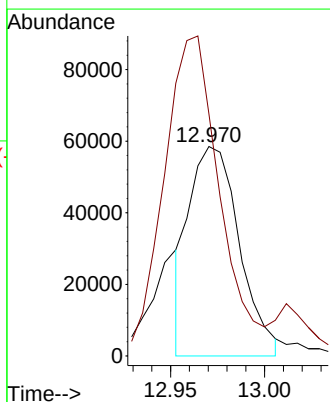
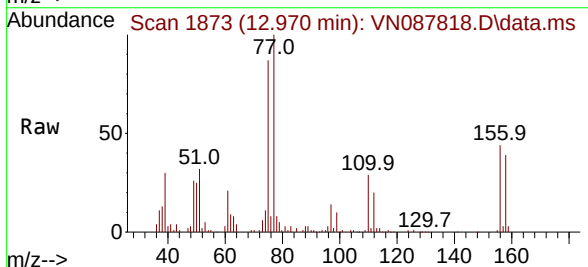
Manual Integrations
APPROVED

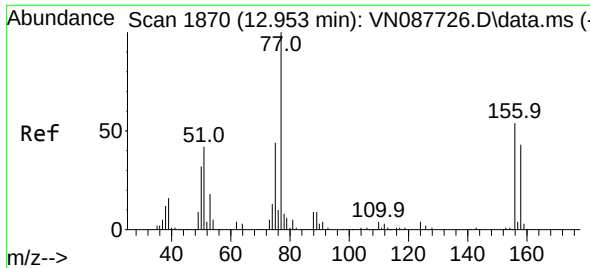
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#72
1,2,3-Trichloropropane
Concen: 19.223 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

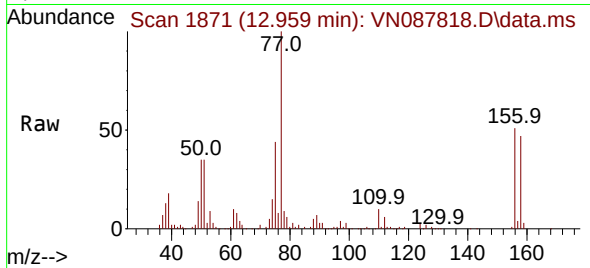
Tgt Ion: 75 Resp: 108491
Ion Ratio Lower Upper
75 100
77 170.6 0.0 378.8





#73
Bromobenzene
Concen: 21.226 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

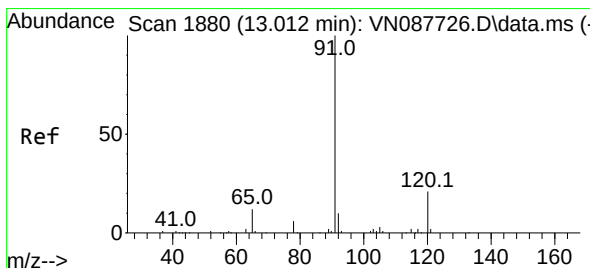
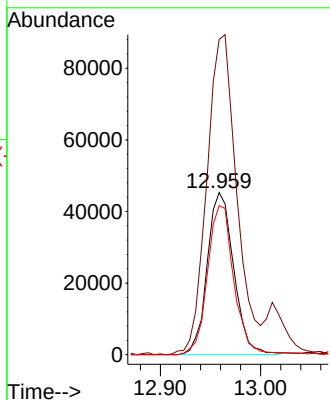
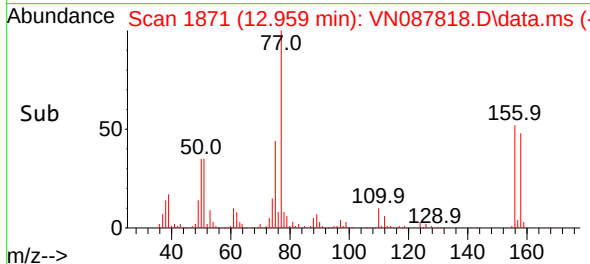
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 83034
Ion Ratio Lower Upper
156 100
77 222.9 0.0 484.2
158 92.5 0.0 186.2

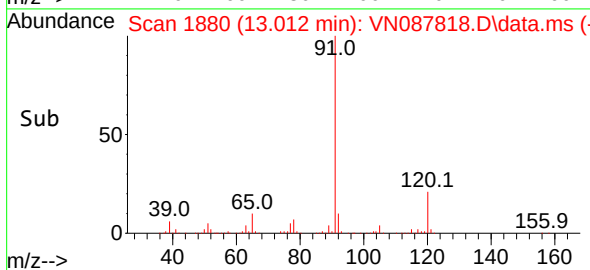
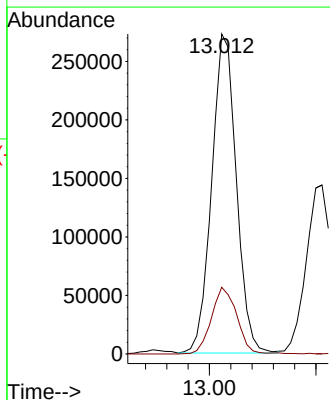
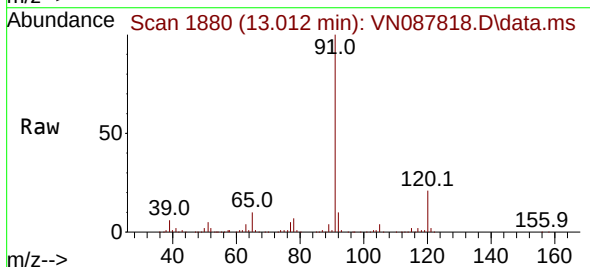
Manual Integrations
APPROVED

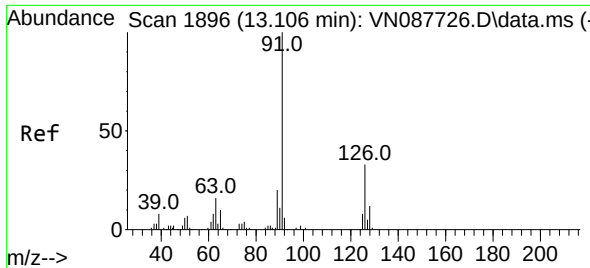
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#74
n-propylbenzene
Concen: 21.695 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Tgt Ion: 91 Resp: 437674
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.2





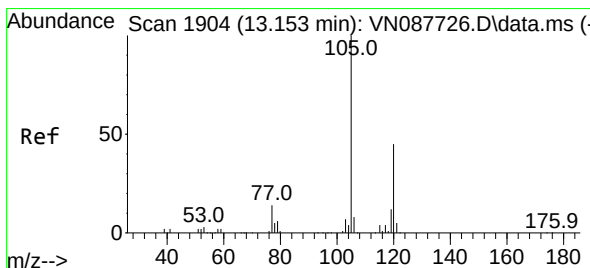
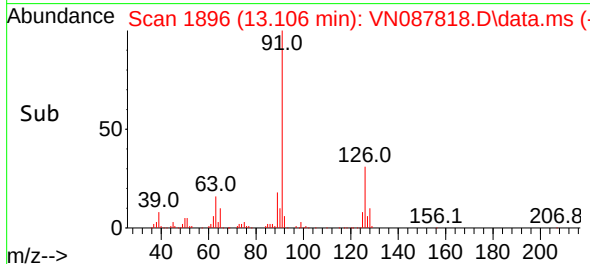
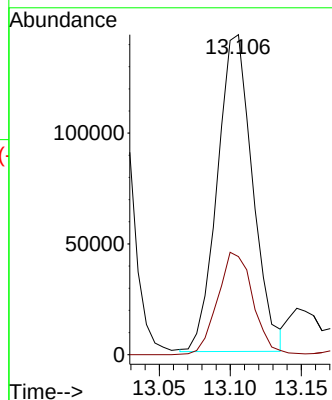
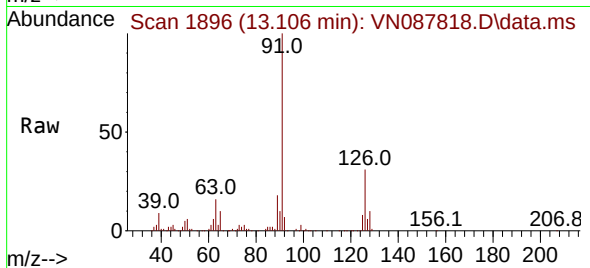
#75
2-Chlorotoluene
Concen: 20.384 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 24750
Ion Ratio Lower Upper
91 100
126 32.4 0.0 60.4

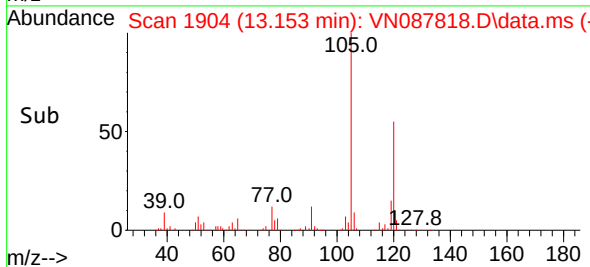
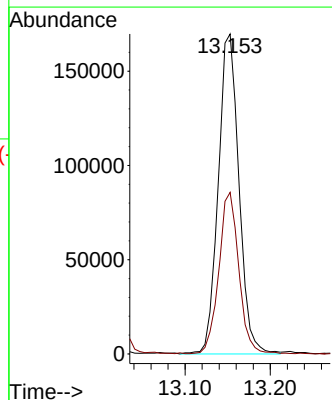
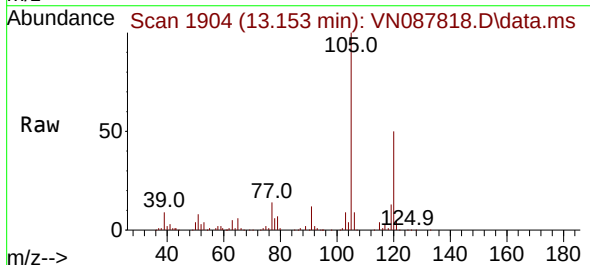
Manual Integrations
APPROVED

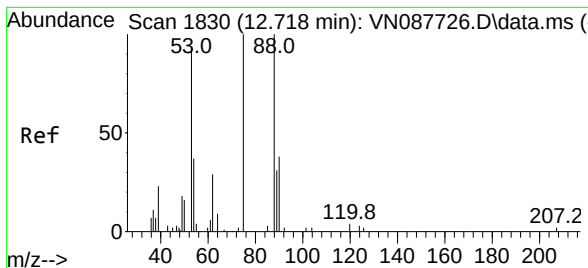
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.191 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

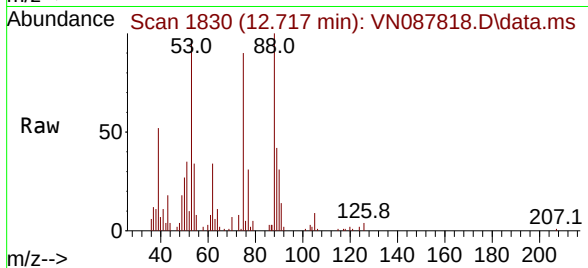
Tgt Ion:105 Resp: 286122
Ion Ratio Lower Upper
105 100
120 49.0 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 16.450 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

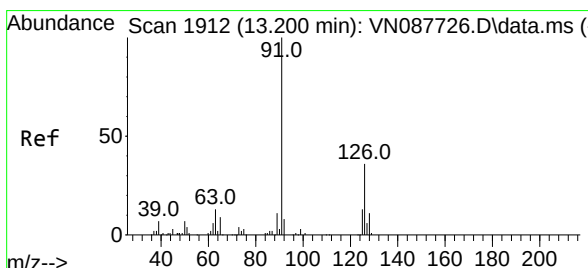
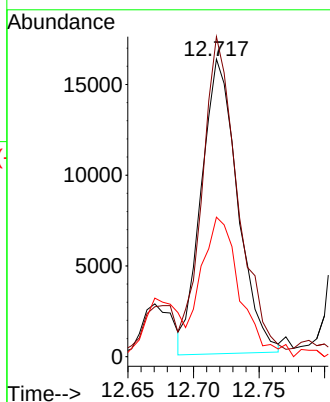
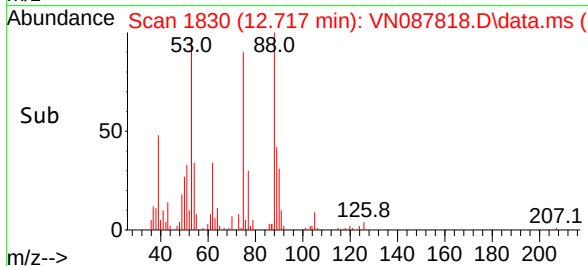
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 31330
Ion Ratio Lower Upper
75 100
53 108.1 45.3 135.9
89 46.3 18.8 56.3

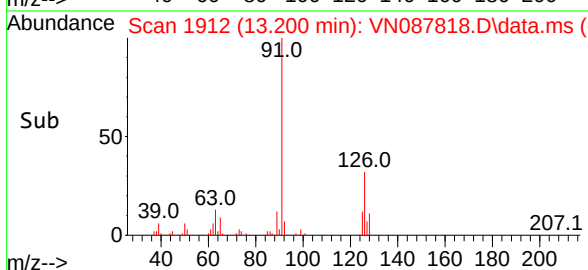
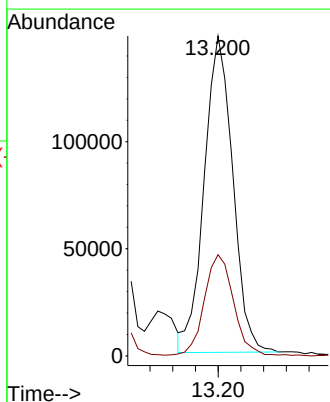
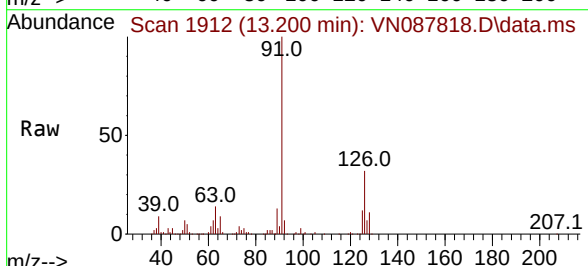
Manual Integrations
APPROVED

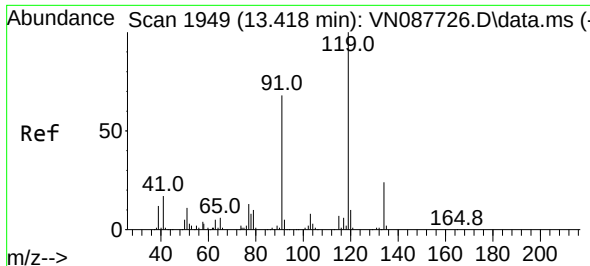
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#78
4-Chlorotoluene
Concen: 21.060 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

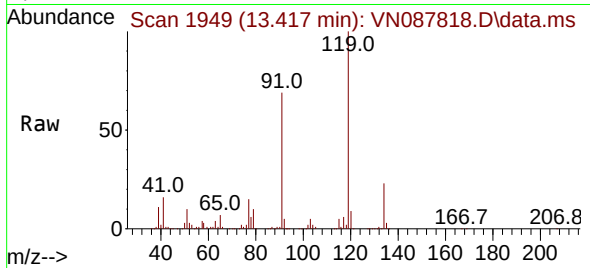
Tgt Ion: 91 Resp: 257792
Ion Ratio Lower Upper
91 100
126 32.0 0.0 67.0





#79
tert-butylbenzene
Concen: 21.941 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

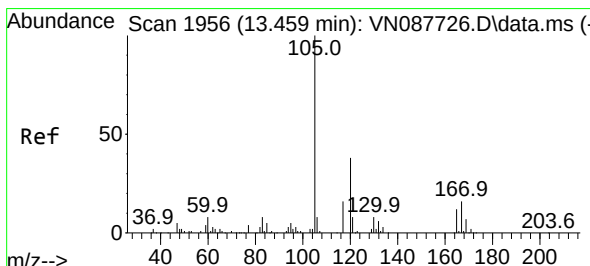
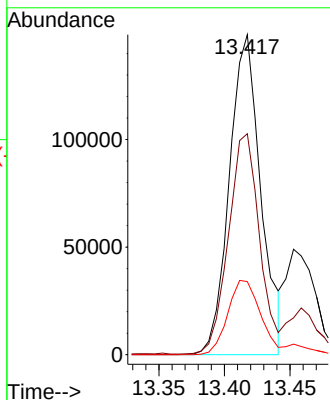
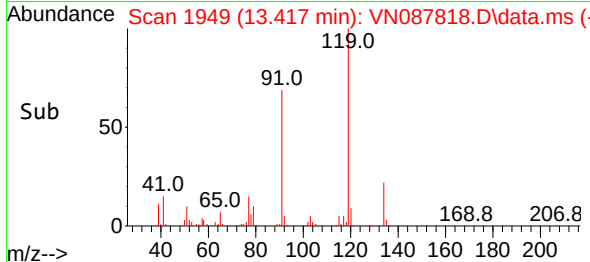
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



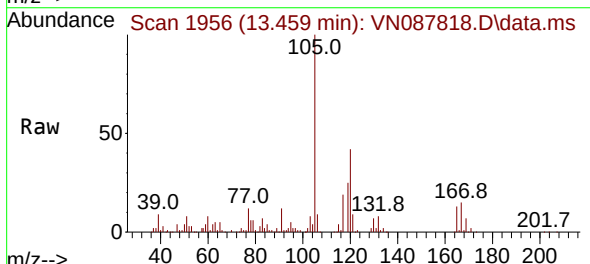
Tgt Ion:119 Resp: 24810
Ion Ratio Lower Upper
119 100
91 67.9 0.0 142.6
134 24.0 0.0 47.2

Manual Integrations
APPROVED

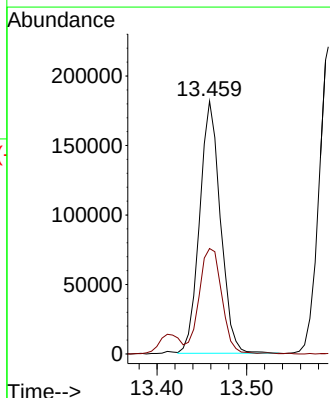
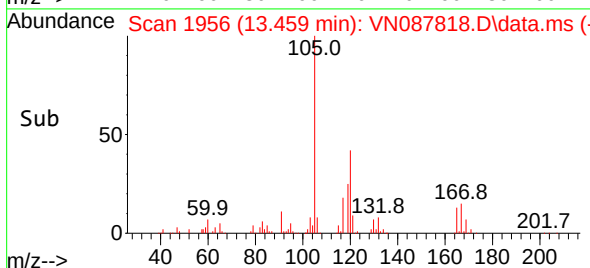
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

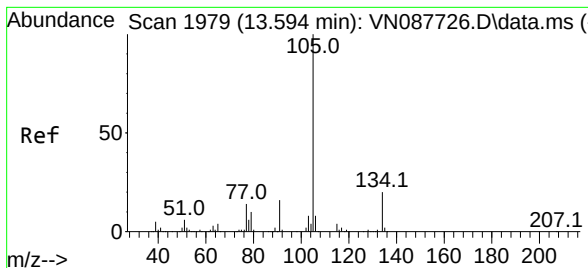


#80
1,2,4-Trimethylbenzene
Concen: 21.137 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



Tgt Ion:105 Resp: 292596
Ion Ratio Lower Upper
105 100
120 45.5 0.0 86.6





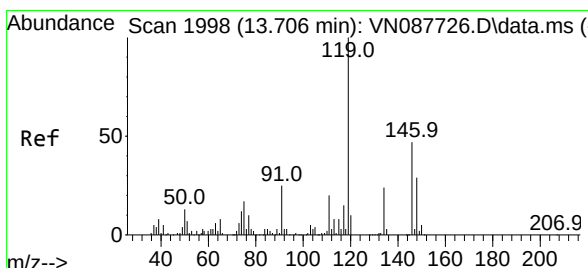
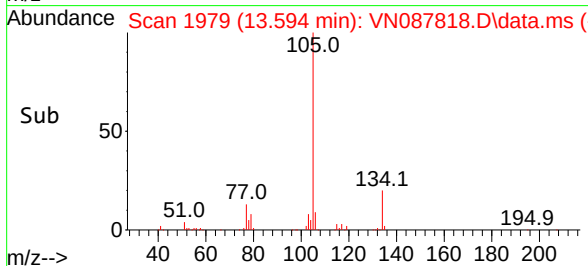
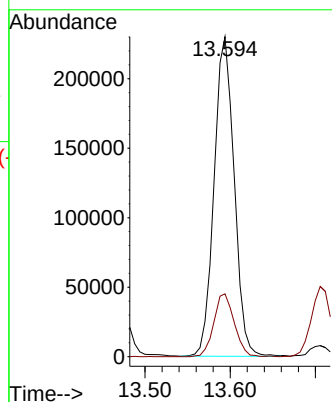
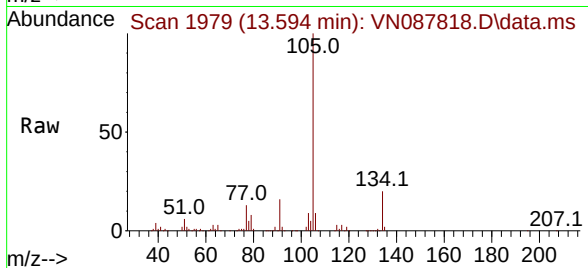
#81
 sec-Butylbenzene
 Concen: 22.626 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087818.D
 Acq: 12 Sep 2025 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 376318
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 37.0

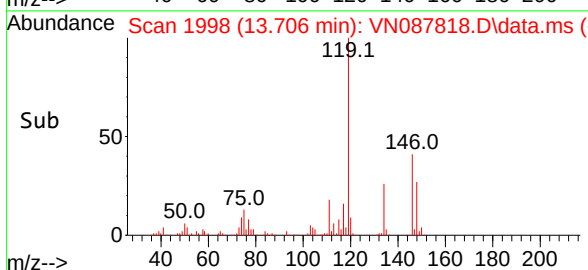
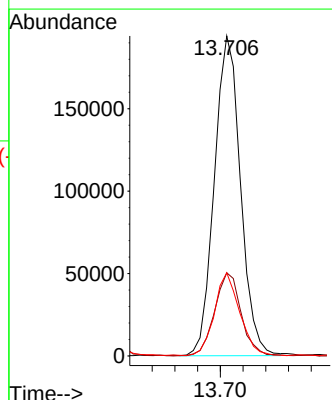
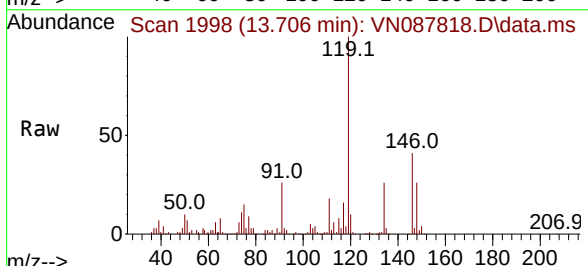
Manual Integrations
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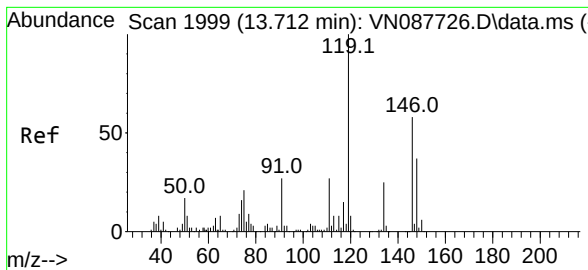
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025



#82
 p-Isopropyltoluene
 Concen: 22.645 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087818.D
 Acq: 12 Sep 2025 15:51

Tgt Ion:119 Resp: 310321
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 49.4
 91 25.2 0.0 52.2





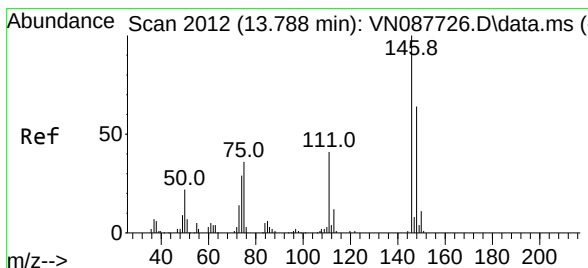
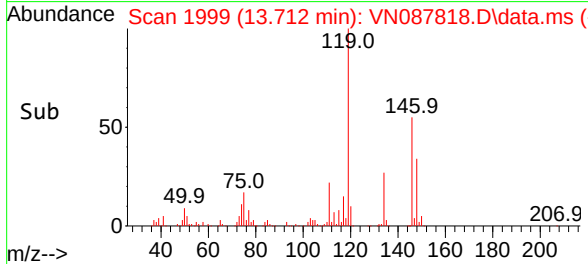
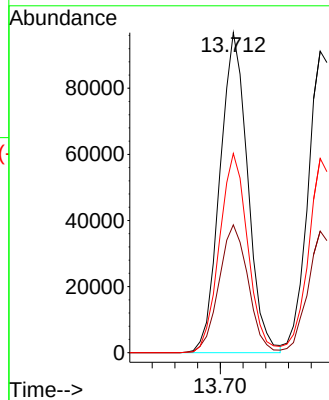
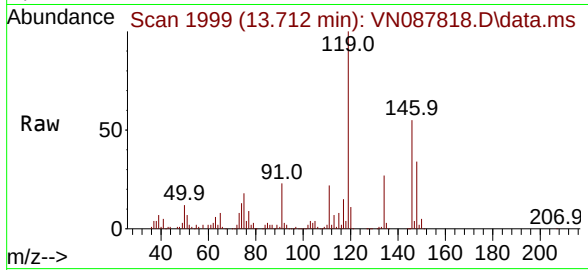
#83
1,3-Dichlorobenzene
Concen: 21.807 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 16446
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.4
148 63.7 31.0 93.0

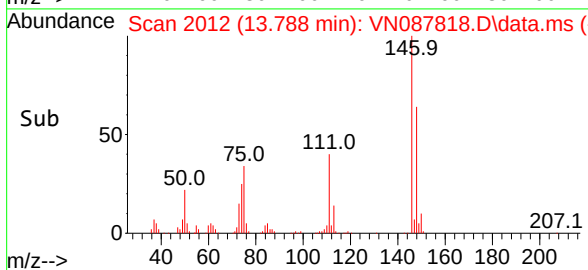
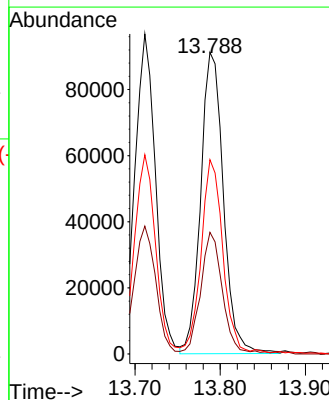
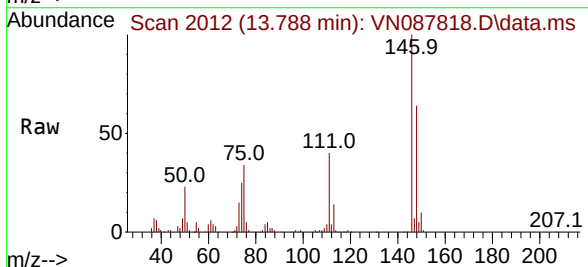
Manual Integrations
APPROVED

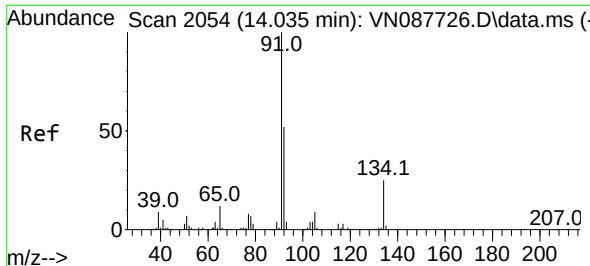
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#84
1,4-Dichlorobenzene
Concen: 22.335 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

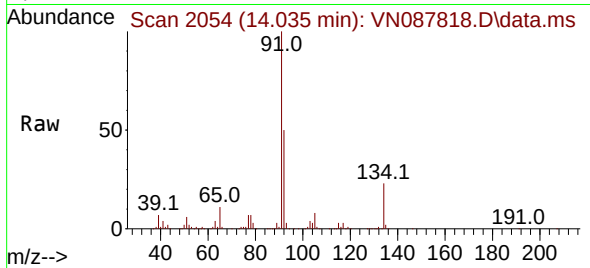
Tgt Ion:146 Resp: 168842
Ion Ratio Lower Upper
146 100
111 36.8 20.2 60.5
148 61.6 31.5 94.5





#85
n-Butylbenzene
Concen: 23.139 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

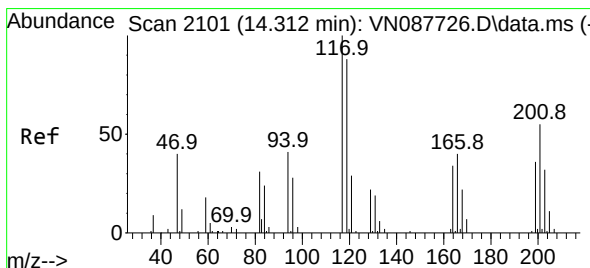
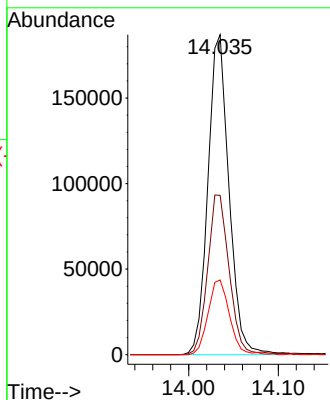
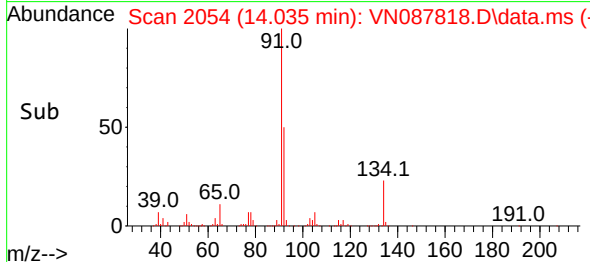
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 304799
Ion Ratio Lower Upper
91 100
92 51.1 0.0 104.0
134 23.7 0.0 46.0

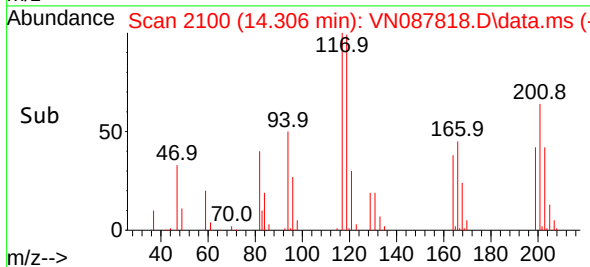
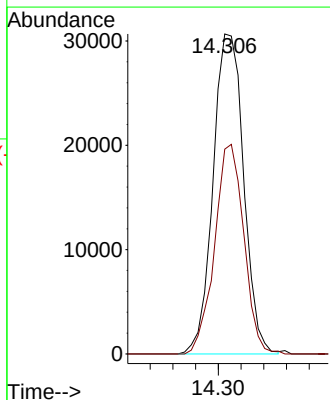
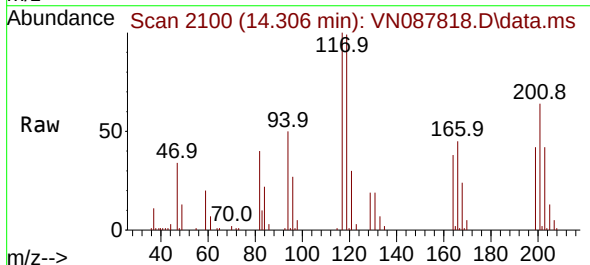
Manual Integrations
APPROVED

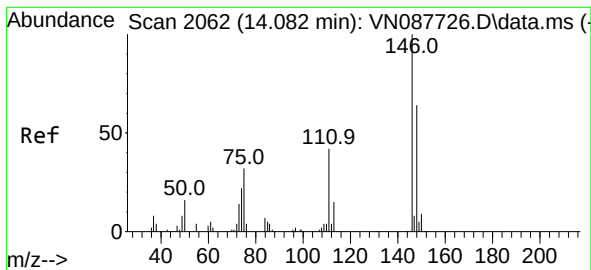
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#86
Hexachloroethane
Concen: 20.552 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

Tgt Ion:117 Resp: 57205
Ion Ratio Lower Upper
117 100
201 62.7 29.9 89.7





#87

1,2-Dichlorobenzene

Concen: 21.400 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

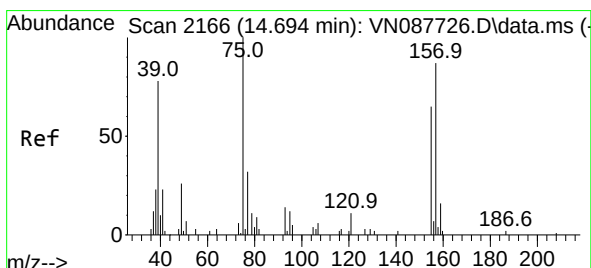
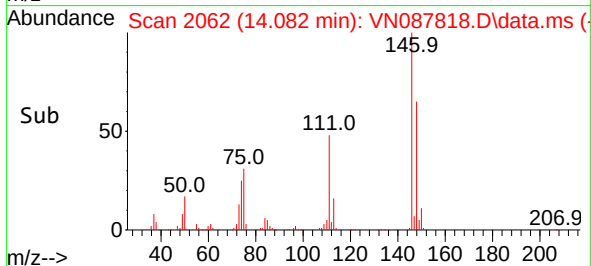
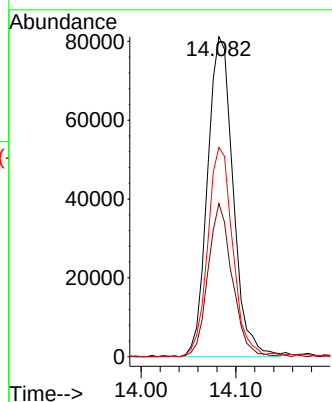
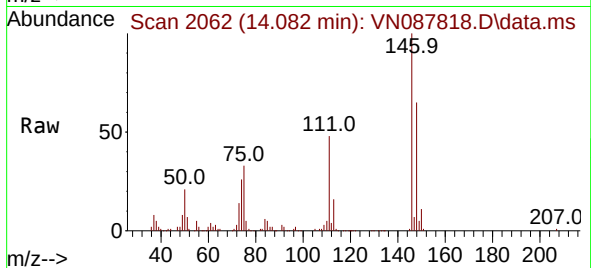
VSTDCCC020EC

Tgt Ion:	146	Resp:	152219
Ion Ratio	Lower	Upper	
146	100		
111	45.0	21.5	64.5
148	63.7	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.180 ug/l

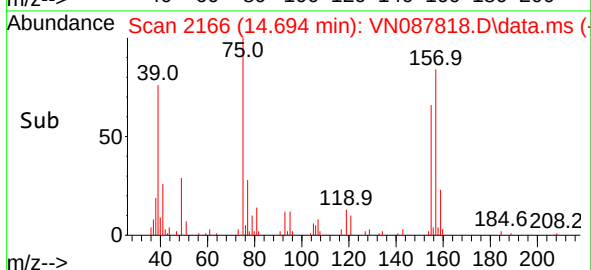
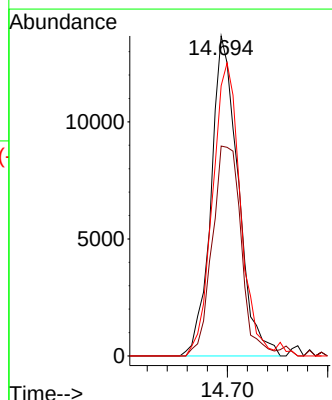
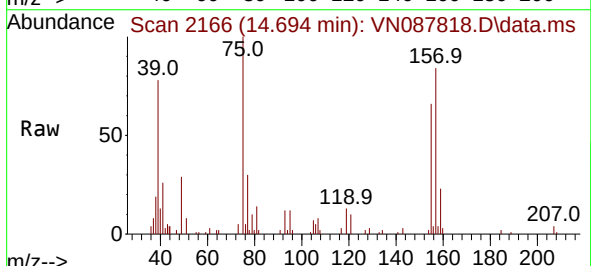
RT: 14.694 min Scan# 2166

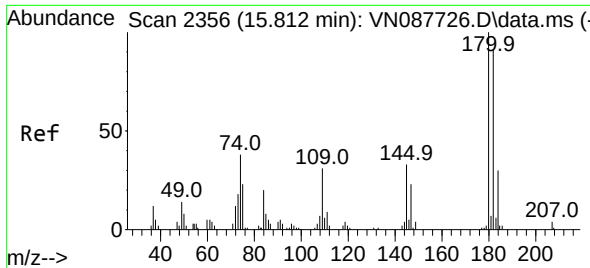
Delta R.T. -0.000 min

Lab File: VN087818.D

Acq: 12 Sep 2025 15:51

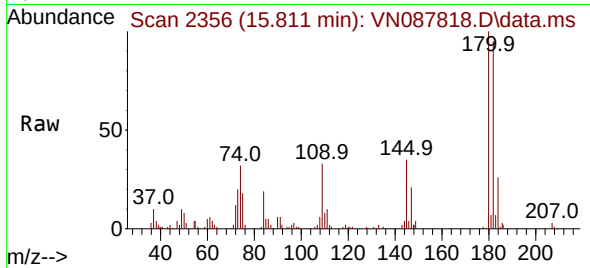
Tgt Ion:	75	Resp:	25741
Ion Ratio	Lower	Upper	
75	100		
155	69.7	53.0	79.4
157	93.5	72.2	108.4





#89
1,2,4-Trichlorobenzene
Concen: 21.748 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

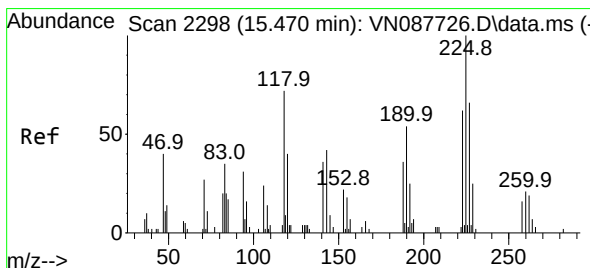
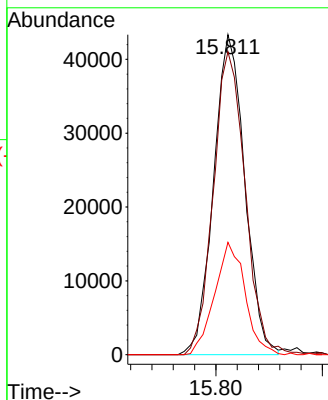
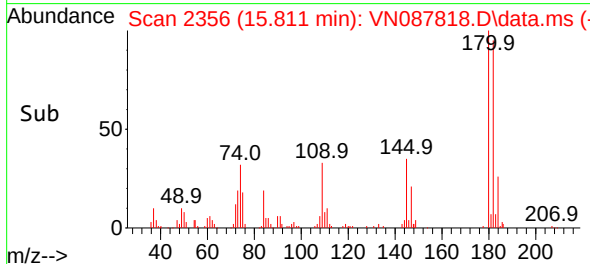
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



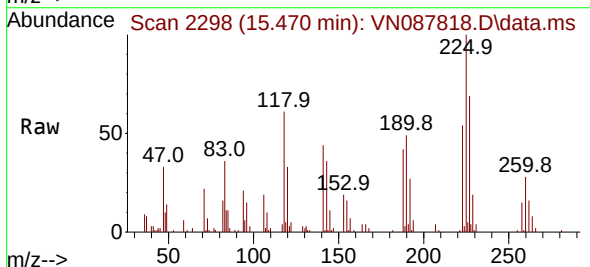
Tgt Ion:180 Resp: 8798
Ion Ratio Lower Upper
180 100
182 96.7 74.6 111.8
145 34.3 27.4 41.0

Manual Integrations
APPROVED

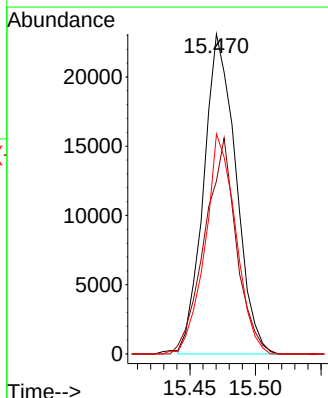
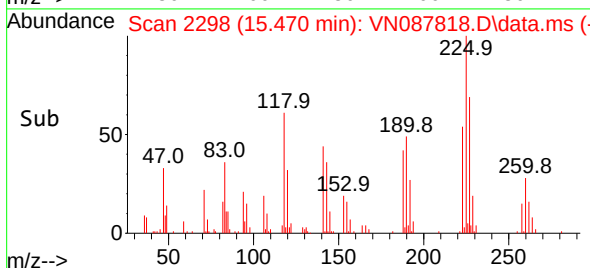
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

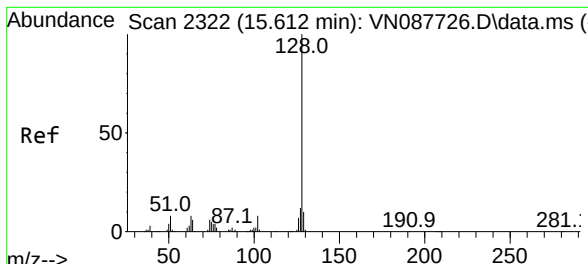


#90
Hexachlorobutadiene
Concen: 29.058 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



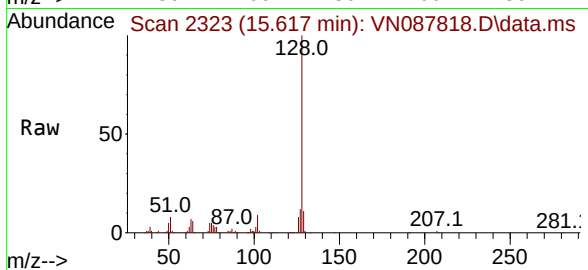
Tgt Ion:225 Resp: 39410
Ion Ratio Lower Upper
225 100
223 66.4 0.0 118.2
227 65.5 0.0 139.0





#91
Naphthalene
Concen: 19.791 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51

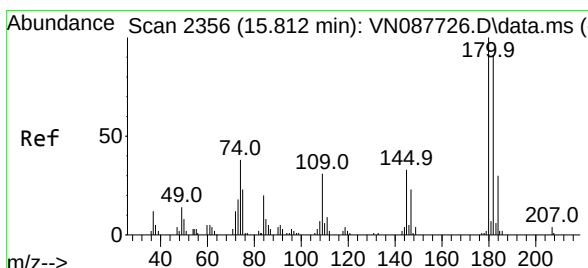
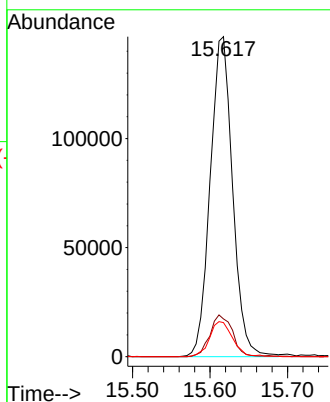
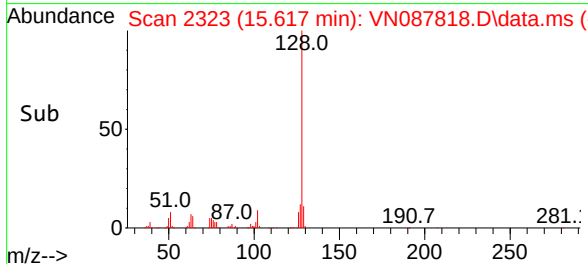
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



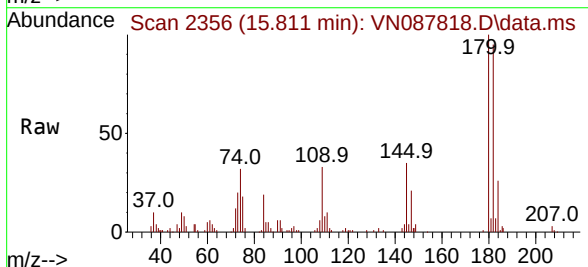
Tgt Ion:128 Resp: 294768
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#92
1,2,3-Trichlorobenzene
Concen: 21.748 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087818.D
Acq: 12 Sep 2025 15:51



Tgt Ion:180 Resp: 87985
Ion Ratio Lower Upper
180 100
182 96.7 0.0 186.4
145 34.3 0.0 68.4

